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20 January 2012

Mr. Peter MacNicholl
Remedial Project Manager
California Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826

Re: Response to DTSC Data Request
Former TRW Benchmark Site
200 South Turnbull Canyon Road, City of Industry, California

Dear Mr. MacNicholl:

Northrop Grumman Systems Corporation is submitting the enclosed memorandum to provide supporting data and documentation for remedial actions conducted at the former TRW Benchmark site. This information was requested in your email dated 12 December 2012, as a follow up to our technical meeting held at your office on 8 December 2011.

We look forward to discussing this information during our next meeting with you and the U.S. Environmental Protection Agency, scheduled for 31 January 2012. If you have questions or would like any additional information before that meeting, please do not hesitate to call me at (703) 280-4035.

Sincerely,

Joseph P. Kwan
Corporate Director, Environmental Remediation
on behalf of Northrop Grumman Systems Corporation

Enclosure - Response to DTSC Data Request, Former TRW Benchmark Site

cc: Ray Chavira - USEPA
Linda Niemeyer - Watermark
Rick Lewis - Lewis Groundwater Consulting
Matthew Nelson - Orion



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Memorandum

To: Joseph Kwan, Northrop Grumman Corporation
From: Matthew Nelson, Orion Environmental Inc.
Copy: Linda Niemeyer, Watermark
Rick Lewis, Lewis Groundwater Consulting
Date: 20 January 2012
**Subject: Response to DTSC Data Request
Former TRW Benchmark Site, City of Industry, California**

Orion Environmental Inc. (Orion) has prepared this memorandum to provide additional information requested by Peter MacNicholl of the Department of Toxic Substances Control (DTSC) in an email dated 12 December 2011, as a follow up to the 8 December 2011 Technical meeting attended by DTSC and the U.S. Environmental Protection Agency.

Request No. 1 - The northwest corner of Site (near entrance) where VOC contamination was removed deeper > 20' bgs. Confirmation soil samples for both lateral and vertical extent including any GW sampling done beneath contaminated areas.

Soil was excavated in the northwest corner of the site at a location of a reported former wastewater treatment area where there was one concrete sump with six compartments (Figure 1-1; Woodward-Clyde, 1992). Confirmation sampling data were not available in Orion's historical file but additional efforts are underway to locate the information in the Northrop Grumman historical project file in storage.

Boring S-1 was drilled at this location in early 1990 before excavation activities; the following table summarizes the results from the Soils Investigations and Remediation report dated September 1992 (Woodward-Clyde, 1992). Table 9 from the report is included in Attachment A.

Boring	Depth (feet below grade)	1,1,1-TCA ^(a) ($\mu\text{g}/\text{kg}$)	1,1-DCE ^(a) ($\mu\text{g}/\text{kg}$)	TCE ^(a) ($\mu\text{g}/\text{kg}$)
S-1	15	ND	ND	ND
	30	ND	ND	ND
	40	ND	ND	19

(a) 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethene (1,1-DCE), and trichloroethene (TCE) reported as micrograms per kilogram ($\mu\text{g}/\text{kg}$).

Groundwater monitoring well W3 is a shallow groundwater well located adjacent to the former excavation area. It is screened from 25 to 55 feet below grade. This well operated as a soil vapor and groundwater extraction well from 1996 through 2004 to remediate volatile organic compounds (VOCs) in this area of the site. The highest concentrations reported in November 1991 and the current results are summarized in the following table. Attachment B contains Tables 2, 3, and 4 from the Groundwater Monitoring Report for the June 2011 semiannual event that summarizes the historical groundwater analytical results (Northrop Grumman, 2011).

Well	Sample Date	1,1,1-TCA ^(a) ($\mu\text{g}/\text{l}$)	1,1-DCE ($\mu\text{g}/\text{l}$)	TCE ($\mu\text{g}/\text{l}$)
W3	11/1/91	120,000	22,000	73,000
	6/20/11	57	27	330

(a) Reported in micrograms per liter ($\mu\text{g}/\text{l}$).

Additional groundwater VOC data in this portion of the site were obtained during a cone penetration test (CPT) survey conducted in 2002. CPT-1 was advanced within 35 feet of monitoring well W-3 and the results are discussed in the response to Request No. 3 below.

Request No. 2 - Northern boundary of Site bordering adjacent business where soil removal actions encroached/entered other properties. Soil and GW confirmation data is requested.

Soil remediation by excavation was extended to the northern adjacent properties to meet the remediation cleanup levels approved by the Regional Water Quality Control Board in 1990 and 1991. Over 20,000 cubic yards of soil was removed during the excavation. Soil confirmation samples were collected along the sidewalls and floors of the excavations to confirm that the remedial objectives had been met for all excavations, including those that extended onto the adjacent properties. Attachment C contains Table 38 from the Soil Investigations and Remediation report that summarizes the confirmation sample analytical results (Woodward-Clyde, 1992).

A chromium excavation extended onto the northern adjacent property and to a depth of approximately 45 feet below grade. At least 16 samples were collected from the sidewalls and floor of the excavation on the adjacent property and confirmed that chromium concentrations were below the remedial objective of 100 milligrams per kilogram (mg/kg). Figure 2-1 shows the confirmation sampling locations.



A copper excavation extended onto the northern adjacent property to allow for a deep excavation along the property line and achieve the required depth of 35 feet below grade. A total of 13 samples were collected from 28 to 35 feet below grade to confirm the remedial objective of 100 mg/kg for copper was met. Figure 2-2 shows the confirmation sampling locations.

The shallow VOC-impacted soils excavation extended onto the adjacent property in two areas to confirm the remedial objective of 100 µg/kg for total VOCs was met. A total of 13 samples were collected along the sidewall to confirm the remedial objectives were met. Figure 2-3 shows the confirmation sampling locations.

As discussed in the response to Request No. 4 below, soil vapor extraction (SVE) and groundwater extraction systems were installed in 1992 and 1996, respectively, to remediate the remaining impacts following excavation. The remediation systems were installed along the northern property (groundwater extraction well W10) and on the adjacent properties (groundwater extraction wells W8 and W9). The following table summarizes the VOC concentrations in soil gas at vapor monitoring wells on the adjacent properties (Figure 2-4) at the beginning of the SVE operation and after 5 years of operation. Attachment D contains Table 2 from the Closure Report for Vadose Zone Soil that summarizes the analytical results (Orion, 1998).

Vapor Monitoring Well	Sample Date	1,1,1-TCA (µg/l)	1,1-DCE (µg/l)	TCE (µg/l)
VM-5	Aug 1993	ND	11.2	1.9
	June 1997	ND	ND	ND
VM-6	Aug 1993	100.0	504.6	66.1
	June 1997	ND	5.0	ND
VM-7	Aug 1993	22.2	586.7	34.1
	June 1997	ND	3.0	ND

The following table summarizes VOC concentrations in groundwater along the northern property and on the adjacent properties at the beginning of remediation and during the most recent sampling event. Attachment B contains Tables 2, 3, and 4 from the Groundwater Monitoring Report for the June 2011 semiannual event that summarizes the historical groundwater analytical results (Northrop Grumman, 2011).

Well	Sample Date	1,1,1-TCA (µg/l)	1,1-DCE (µg/l)	TCE (µg/l)
W8	10/1/90	35,000	24,000	3,500
	6/21/11	4,500	2,300	67
W9	11/1/91	1,600	56,000	13,000
	6/21/11	19	14	3.7
W10	11/1/91	400	7,000	3,600
	6/16/11	1.6	12	29

Request No. 3 - Soil boring results taken from areas beneath Benchmark showing saturated zone contamination as well as up-gradient and down-gradient GW and soil matrix conditions.

In addition to the regular groundwater monitoring conducted semiannually, the following soil and groundwater investigations were conducted after the excavation activities in 1992 and after 5 to 8 years of operation of the SVE and groundwater extraction systems.

- Soil confirmation sampling in 1997
- Deep source area investigation in 2002
- Deep soil boring investigation in 2004.

Boring locations are shown on Figure 3-1, and soil and groundwater analytical results and concentration contours of 1,1-DCE are shown on the geologic cross sections on Figures 3-2 and 3-3. The results are summarized below.

Soil Confirmation Sampling

In 1997, 12 confirmation soil borings were drilled in the unsaturated soil zone (designated as borings CB-1 through CB-12 on Figure 3-1). The borings were drilled and sampled at 5-foot intervals to depths of 20 to 31 feet below grade. Two or three samples from each boring (31 total) were analyzed for VOCs. VOC concentrations were below laboratory detection limits in 29 of the 31 analyzed samples. Only samples CB-7-25 (from 25 feet below grade) and CB-10-20 (from 20 feet below grade) contained detectable levels of TCE at 22 and 8.8 µg/kg, respectively. Attachment E contains Table 5 from the Closure Report for Vadose Zone Soil that summarizes the analytical results (Orion, 1998).

Deep Source Area Investigation

In 2002, eight soil borings were drilled using a CPT rig to record continuous lithology and collect grab groundwater samples at discrete depths. The borings were advanced to depths of 75 to 94 feet below grade to assess the impacts of groundwater beneath the groundwater extraction system. The groundwater extraction wells extended to a depth of 55 to 60 feet below grade.

The highest TCE concentration (7,400 µg/l) was reported at boring CPT-1, located in the area of extraction well W3, at a depth of 55 to 58 feet below grade. The well screen for well W3 extends from 25 to 55 feet below grade. The highest TCE concentration reported at well W3 (73,000 µg/l) was collected in November 1991 before groundwater extraction began in 1996.

The highest 1,1-DCE concentration (17,000 µg/l) was reported at boring CPT-6, located near the former developer/still source area, at a depth of 73 to 76 feet below grade. Downgradient boring CPT-2, located near extraction well W9, had a 1,1-DCE concentration of 9,000 µg/l at a depth of 69 to 72 feet below grade. The well screen for

well W9 extends from 30 to 60 feet below grade and the highest reported 1,1-DCE (56,000 µg/l) was collected in November 1991 before groundwater extraction began in 1996. Table 3-1 summarizes the groundwater analytical results and Figures 3-2 and 3-3 show the results with the cross sections.

Deep Soil Boring Investigation

In 2004, six soil borings were drilled using a sonic drill rig to record continuous lithology and collect soil samples. The borings were advanced to depths of 105 to 115 feet below grade to assess the saturated soil impacts near former source areas and between the site and offsite monitoring well W20.

The highest TCE concentration (690 µg/kg) was reported at boring DB-4, located in the area of offsite monitoring well W20, at a depth of 70 feet below grade. TCE concentrations were lower (maximum of 260 µg/kg) at borings DB-5 and DB-6, located between boring DB-4 and the site.

Similar to the deep groundwater investigation, the highest 1,1-DCE concentration (1,600 µg/kg) was reported at boring D-3, located near the former developer/still source area, at a depth of 75 feet below grade. Table 3-2 summarizes the soil analytical results and Figures 3-2 and 3-3 show the results on the cross sections.

Request No. 4 - The Utility Tunnel was a known source area of VOCs and 1,4-dioxane yet there was not a lot of information available to determine which remedial actions were taken to eliminate this source. Please include all GW and soil matrix data.

The former utility tunnel was removed during the demolition activities in December 1990. During remediation activities in 1991, soil with individual VOC concentrations greater than 1,000 µg/kg was remediated by excavation to a depth of 14 to 15 feet below grade at the northeast corner of the former utility tunnel (Figure 4-1; Woodward-Clyde, 1992). A total of 10 confirmation samples were collected (CS-111 through CS-115 and CS-131 through CS-135) and all contained less than 1,000 µg/kg of any individual VOC. Attachment C contains Table 38 from the Soil Investigations and Remediation report that summarizes the confirmation sample analytical results (Woodward-Clyde, 1992).

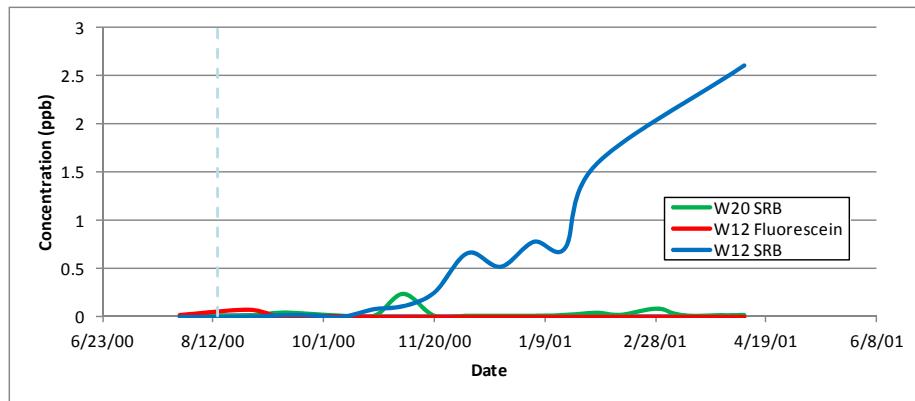
To remediate the remaining VOC-impacted soil, an SVE system was installed in 1991 and operated from 1992 through 2007. The SVE system included 30 vertical and 4 horizontal extraction wells located within and surrounding the former utility tunnel (Figure 2-4). During operation, the SVE system removed approximately 9,196 pounds of VOCs.

Groundwater beneath the former utility tunnel was remediated by a groundwater extraction system, which consisted of 10 extraction wells along the northern property boundary (Figure 2-4). The groundwater extraction system operated from 1996 through 2004 and intermittently from 2004 to 2008 due to decreasing water levels. During

operation the system extracted approximately 40 million gallons of groundwater and 428 pounds of VOCs. The groundwater concentrations shown on Figures 3-2 and 3-3 show the effects of the remediation system below the former utility tunnel near extraction wells W8 and W9.

Request No. 5 - Information on tracer tests conducted at various Benchmark wells to help determine flow regimes beneath the Site.

From August 2000 to April 2001, a dye tracer test was performed to evaluate groundwater flow paths in the western area of the site. On 14 August 2000, 5 pounds of Sulphorhodamine B (SRB) was injected into well W3, and 10 pounds of fluorescein was injected into well W2. Both wells were flushed with 1,000 gallons of water after the dyes were injected (Figure 5-1). Wells W12 and W20 were monitored both before and after injection for the presence of the dye tracers using charcoal dye receptor packs. Wells W3 and W17 were also monitored during the dye tracer test. The dye receptor packs were collected biweekly and sent to Crawford and Associates, Inc., of Bowling Green, Kentucky, to be analyzed for the presence of the dye tracers. SRB was detected in well W12, which is roughly 700 feet downgradient of well W3, after 98 days. Dye tracer was not detected in any of the other monitoring wells after 8 months of monitoring. Results are presented in the following graph and in Table 5-1 attached.



The dye tracer test was performed during a period of high water levels when water was present in the shallow permeable soils at the site. Current water levels in the wells used for this test are an average of 16 feet lower than the 2000 levels.

Attachments: Table 3-1 – Groundwater Analytical Results Vertical Delineation Investigation
Table 3-2 – Soil Analytical Results Soil Profile Investigation
Table 5-1 – Dye Tracer Analytical Results Dye Tracer Test
Figure 1-1 – Site Plan with Excavation Areas
Figure 2-1 – Chromium Confirmation Sampling Plan
Figure 2-2 – VOC Confirmation Sampling Plan
Figure 2-3 – Copper Confirmation Sampling Plan

Figure 2-4 – Soil and Groundwater Remediation System
Figure 3-1 – Site Plan
Figure 3-2 – 1,1-DCE Concentrations in Groundwater A-A'
Figure 3-3 – 1,1-DCE Concentrations in Groundwater B-B'
Figure 5-1 – Dye Tracer Test August 2000 to April 2001
Attachment A – Table 9 from the 1992 Soil Investigations and Remediation Report
Attachment B – Tables 2, 3, and 4 from the June 2011 Semiannual Groundwater Monitoring Report
Attachment C – Table 38 from the 1992 Soil Investigations and Remediation Report
Attachment D – Table 2 from the 1998 Closure Report for Vadose Zone Soil
Attachment E – Table 5 from the 1998 Closure Report for Vadose Zone Soil

References

Northrop Grumman Systems Corporation, 2011. "Groundwater Monitoring Report, June 2011, Semiannual Event, Former TRW Benchmark Site, 200 South Turnbull Canyon Road, City of Industry, California," September.

Orion Environmental Inc., 1998. "Closure Report for Vadose Zone Soil, Benchmark Site, 200 South Turnbull Canyon Road, City of Industry, California," 24 July.

Woodward-Clyde Consultants, 1992. "Soil Investigations and Remediation Conducted at Benchmark Technology Site, City of Industry, California, prepared for TRW Inc., Cleveland, Ohio," 25 September.

TABLE 3-1

**GROUNDWATER ANALYTICAL RESULTS
VERTICAL DELINEATION INVESTIGATION
FORMER TRW BENCHMARK SITE**

(a) Volatile organic compounds (VOCs) analyzed by EPA Method 8260B, reported in micrograms per liter ($\mu\text{g/l}$).

(b) Not detected above the detection limit listed.

(c) Not analyzed.

TABLE 3-2

**SOIL ANALYTICAL RESULTS
SOIL PROFILE INVESTIGATION
FORMER TRW BENCHMARK SITE**

Boring	Depth (feet)	Sample Date	Volatile Organic Compounds ($\mu\text{g}/\text{kg}$) ^(a)																					
			1,1,1-TCA	1,1,2-TCA	PCE	TCE	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Methylene Chloride	Vinyl Chloride	Carbon Tetrachloride	Trichloro-fluoromethane	1,1,2-Trichloro-trifluoroethane	Acetone	2-Butanone	Bromoform	Chloroform	Benzene	Total Xylenes	Total VOCs	
DB-1	40	7/30/04	ND<4.9 ^(b)	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<9.8	ND<4.9	ND<9.8	ND<4.9	ND<24	ND<24	ND<4.9	ND<4.9	ND<4.9	ND<4.9	0	
	50	7/30/04	ND<4.3	ND<4.3	ND<4.3	ND<4.3	12	2.7 J ^(c)	ND<4.3	49	ND<4.3	ND<4.3	ND<8.6	ND<4.3	ND<8.6	ND<4.3	ND<22	ND<22	ND<4.3	ND<4.3	ND<4.3	ND<4.3	61	
	53	7/30/04	ND<210	ND<210	ND<210	ND<210	210	ND<210	ND<210	400	ND<210	ND<210	ND<420	ND<210	ND<210	ND<210	ND<1,000	ND<1,000	ND<210	ND<210	ND<210	ND<210	610	
	60	7/30/04	ND<220	ND<220	ND<220	ND<220	ND<220	ND<220	ND<220	320	ND<220	ND<220	ND<430	ND<220	ND<220	ND<220	ND<1,100	ND<1,100	ND<220	ND<220	ND<220	ND<220	320	
	65	7/30/04	ND<220	ND<220	ND<220	ND<220	360	ND<220	ND<220	1,100	ND<220	ND<220	ND<440	ND<220	ND<220	ND<220	ND<1,100	ND<1,100	ND<220	ND<220	ND<220	ND<220	1,460	
	70	7/30/04	ND<200	ND<200	ND<200	ND<200	150 J	ND<200	ND<200	380	ND<200	ND<200	ND<400	ND<200	ND<200	ND<200	ND<1,000	ND<1,000	ND<200	ND<200	ND<200	ND<200	380	
	75	7/30/04	ND<200	ND<200	ND<200	ND<200	ND<200	ND<200	ND<200	390	ND<200	ND<200	ND<390	ND<200	ND<200	ND<200	ND<980	ND<980	ND<200	ND<200	ND<200	ND<200	390	
	80	7/30/04	ND<4.4	ND<4.4	ND<4.4	ND<4.4	11	1.0 J	ND<4.4	37	ND<4.4	ND<4.4	ND<8.8	ND<4.4	ND<8.8	ND<4.4	ND<22	ND<22	ND<4.4	ND<4.4	ND<4.4	ND<4.4	48	
	85	7/30/04	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<8.1	ND<4	ND<8.1	ND<4	ND<20	ND<20	ND<4	ND<4	ND<4	ND<4	0	
	90	7/30/04	ND<4.2	ND<4.2	2.1 J	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<8.3	ND<4.2	ND<8.3	ND<4.2	ND<21	ND<21	ND<4.2	ND<4.2	ND<4.2	ND<4.2	0	
	95	7/30/04	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<4.2	ND<8.3	ND<4.2	ND<8.3	ND<4.2	ND<21	ND<21	ND<4.2	ND<4.2	ND<4.2	ND<4.2	0	
	100	7/30/04	ND<3.8	ND<3.8	ND<3.8	ND<3.8	ND<3.8	ND<3.8	ND<3.8	ND<3.8	ND<3.8	ND<3.8	ND<7.6	ND<3.8	ND<7.6	ND<3.8	ND<19	ND<19	ND<3.8	ND<3.8	ND<3.8	ND<3.8	0	
	105	7/30/04	ND<4.4	ND<4.4	2.3 J	3.0 J	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<8.7	ND<4.4	ND<8.7	ND<4.4	19 J	ND<22	ND<4.4	ND<4.4	ND<4.4	ND<4.4	0	
DB-2	40	7/30/04	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<11	ND<5.3	ND<11	ND<5.3	ND<26	ND<26	ND<5.3	ND<5.3	ND<5.3	ND<5.3	0	
	50	7/30/04	ND<3.8	ND<3.8	ND<3.8	ND<3.8	3.3 J	11	ND<3.8	22	ND<3.8	ND<3.8	ND<7.6	ND<3.8	ND<7.6	ND<3.8	ND<19	ND<19	ND<3.8	ND<3.8	ND<3.8	ND<3.8	33	
	60	7/30/04	ND<4.6	ND<4.6	9.2	44	4.4 J	ND<4.6	11	ND<4.6	ND<4.6	ND<4.6	ND<9.2	ND<4.6	ND<9.2	ND<4.6	ND<23	ND<23	ND<4.6	ND<4.6	ND<4.6	ND<4.6	64	
	65	7/30/04	ND<4.8	ND<4.8	ND<4.8	3.0 J	3.5 J	ND<4.8	6.4	ND<4.8	ND<4.8	ND<4.8	ND<9.7	ND<4.8	ND<9.7	ND<4.8	ND<24	ND<24	ND<4.8	ND<4.8	ND<4.8	ND<4.8	6	
	70	7/30/04	ND<3.9	ND<3.9	4.6	5.2	1.2 J	ND<3.9	31	ND<3.9	ND<3.9	ND<3.9	ND<7.8	ND<3.9	ND<7.8	ND<3.9	ND<20	ND<20	ND<3.9	ND<3.9	ND<3.9	ND<3.9	41	
	75	7/30/04	ND<4	ND<4	2.8 J	13	2.8 J	ND<4	57	ND<4	ND<4	ND<4	ND<4	ND<8	ND<4	ND<8	ND<4	ND<20	ND<20	ND<4	ND<4	ND<4	ND<4	70
	80	7/30/04	ND<3.9	ND<3.9	ND<3.9	4.4	ND<3.9	ND<3.9	7.6	ND<3.9	ND<3.9	ND<3.9	ND<7.8	ND<3.9	ND<7.8	ND<3.9	ND<20	ND<20	ND<3.9	ND<3.9	ND<3.9	ND<3.9	12	
	85	7/30/04	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<8.6	ND<4.3	ND<8.6	ND<4.3	ND<22	ND<22	ND<4.3	ND<4.3	ND<4.3	ND<4.3	0
	90	7/30/04	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<4.4	ND<8.8	ND<4.4	ND<8.8	ND<4.4	ND<22	ND<22	ND<4.4	ND<4.4	ND<4.4	ND<4.4	0	
	95	7/30/04	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<8.1	ND<4	ND<8.1	ND<4	ND<20	ND<20	ND<4	ND<4	ND<4	ND<4	0	
	100	7/30/04	ND<4.6	ND<4.6	3.6 J	2.5 J	ND<4.6	ND<4.6	ND<4.6	ND<4.6	ND<4.6	ND<4.6	ND<9.3	ND<4.6	ND<9.3	ND<4.6	ND<23	ND<23	ND<4.6	ND<4.6	ND<4.6	ND<4.6	0	
	105	7/30/04	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<9.8	ND<4.9	ND<9.8	ND<4.9	ND<24	ND<24	ND<4.9	ND<4.9	ND<4.9	ND<4.9	0	
DB-3	40	7/31/04	ND<4.6	ND<4.6	2.1 J	ND<4.6	ND<4.6	ND<4.6	ND<4.6	ND<4.6	ND<4.6	ND<4.6	ND<9.2	ND<4.6	ND<9.2	ND<4.6	15 J	ND<23	ND<4.6	ND<4.6	ND<4.6	ND<4.6	0	
	50	7/31/04	ND<4.1	ND<4.1	3.4 J	72	26	ND<4.1	70	ND<4.1	ND<													

TABLE 3-2

**SOIL ANALYTICAL RESULTS
SOIL PROFILE INVESTIGATION
FORMER TRW BENCHMARK SITE**

Boring	Depth (feet)	Sample Date	Volatile Organic Compounds ($\mu\text{g/kg}$) ^(a)																				
			1,1,1-TCA	1,1,2-TCA	PCE	TCE	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Methylene Chloride	Vinyl Chloride	Carbon Tetrachloride	Trichloro-fluoromethane	1,1,2-Trichloro-trifluoroethane	Acetone	2-Butanone	Bromoform	Chloroform	Benzene	Total Xylenes	Total VOCs
DB-3 (cont.)	95	7/31/04	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<4.3	ND<8.6	ND<4.3	ND<8.6	ND<4.3	ND<22	ND<22	ND<4.3	ND<4.3	ND<4.3	ND<4.3	0
	100	7/31/04	ND<3.8	ND<3.8	ND<3.8	ND<3.8	56	ND<3.8	ND<3.8	ND<3.8	ND<3.8	ND<3.8	ND<7.7	ND<3.8	ND<7.7	ND<3.8	ND<19	ND<19	ND<3.8	ND<3.8	ND<3.8	ND<3.8	56
	105	7/31/04	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<4	ND<8	ND<4	ND<8	ND<4	ND<20	ND<20	ND<4	ND<4	ND<4	ND<4	0
DB-4	30	10/1/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0
	40	10/1/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0
	50	10/1/04	ND<1	ND<3	3	2	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	5
	60	10/1/04	ND<1	ND<3	8	36	7	ND<1	51	3	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	105
	65	10/1/04	ND<1	ND<3	7	110	10	ND<1	79	3	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	209
	70	10/1/04	ND<1	ND<3	13	690	30	2	340	6	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	1	ND<2	1,082
	75	10/1/04	ND<1	ND<3	5	450	15	ND<1	120	3	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	593
	80	10/1/04	ND<1	ND<3	2	98	6	ND<1	47	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	153
	85	10/1/04	ND<1	ND<3	ND<1	2	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	2
	90	10/1/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0
	95	10/1/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0
	100	10/1/04	ND<1	ND<3	ND<1	7	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	7
	105	10/1/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0	
DB-5	30	10/1/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0
	40	10/1/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0
	50	10/1/04	ND<1	ND<3	3	6	1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	10
	60	10/2/04	ND<1	ND<3	7	49	7	ND<1	83	3	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	149
	65	10/2/04	ND<1	ND<3	6	260	11	ND<1	110	3	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	390
	70	10/2/04	ND<1	ND<3	7	170	12	ND<1	140	2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	331
	75	10/2/04	ND<1	ND<3	5	120	8	ND<1	90	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	223
	80	10/2/04	ND<1	ND<3	2	69	5	ND<1	43	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	119
	85	10/2/04	ND<1	ND<3	ND<1	76	3	ND<1	40	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	119
	90	10/2/04	ND<1	ND<3	3	4	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	7
	95	10/2/04	ND<1	ND<3	2	2	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	4
	100	10/2/04	ND<1	ND<3	1	2	ND<1	ND<1	5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	8
	105	10/2/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0	
	110	10/2/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0	
	115	10/2/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2</td													

TABLE 3-2

**SOIL ANALYTICAL RESULTS
SOIL PROFILE INVESTIGATION
FORMER TRW BENCHMARK SITE**

Boring	Depth (feet)	Sample Date	Volatile Organic Compounds ($\mu\text{g}/\text{kg}$) ^(a)																				
			1,1,1-TCA	1,1,2-TCA	PCE	TCE	1,1-DCA	1,2-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Methylene Chloride	Vinyl Chloride	Carbon Tetrachloride	Trichloro-fluoromethane	1,1,2-Trichloro-trifluoroethane	Acetone	2-Butanone	Bromoform	Chloroform	Benzene	Total Xylenes	Total VOCs
DB-6 (cont.)	60	10/2/04	ND<1	ND<3	3	17	2	ND<1	14	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	36
	65	10/2/04	ND<1	ND<3	3	11	2	ND<1	9	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	25
	70	10/2/04	ND<1	ND<3	8	67	6	ND<1	63	3	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	147
	75	10/2/04	ND<1	ND<3	13	230	22	ND<1	160	5	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	430
	80	10/2/04	ND<1	ND<3	ND<1	65	1	ND<1	29	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	95
	85	10/2/04	ND<1	ND<3	ND<1	4	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	4
	90	10/2/04	ND<1	ND<3	ND<1	25	ND<1	ND<1	13	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	38
	95	10/2/04	ND<1	ND<3	4	3	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	7
	100	10/2/04	ND<1	ND<3	ND<1	2	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	2
	105	10/2/04	ND<1	ND<3	ND<1	ND<1	ND<1	ND<1	ND<5	ND<2	ND<2	ND<50	ND<2	ND<1	ND<1	ND<5	ND<50	ND<10	ND<5	ND<2	ND<1	ND<2	0

(a) Volatile organic compounds (VOCs) analyzed by EPA Method 8260B, reported in micrograms per kilogram ($\mu\text{g}/\text{kg}$).

(b) Not detected above the detection limit listed.

(c) J-flagged result is estimated and detected below the reporting limit.

TABLE 5-1
DYE TRACER ANALYTICAL RESULTS
DYE TRACER TEST
FORMER TRW BENCHMARK SITE

Date	W3		W12		W17		W20	
	FLUORESCIN (ppb) ^(a)	SRB (ppb) ^(a)	FLUORESCIN (ppb)	SRB (ppb)	FLUORESCIN (ppb)	SRB (ppb)	FLUORESCIN (ppb)	SRB (ppb)
7/28/2000 ^(b)	-- ^(c)	--	0.020	ND ^(d)	--	--	ND	ND
8/28/2000 ^(d)	--	--	0.074	ND	--	--	0.015	ND
9/11/2000	--	--	ND	0.017	--	--	ND	0.032
9/25/2000	--	--	0.009	0.017	--	--	ND	0.019
10/9/2000	--	--	0.007	ND	--	--	ND	ND
10/24/2000	--	--	ND	0.081	--	--	ND	ND
11/6/2000	--	--	ND	0.112	--	--	ND	0.227
11/20/2000	--	--	ND		--	--	ND	ND
12/5/2000	ND	118.557	ND	0.662	ND	ND	ND	ND
12/20/2000	ND	11609.500	ND	0.520	ND	ND	ND	ND
1/4/2001	ND	8956.000	ND	0.779	ND	ND	ND	ND
1/18/2001	ND	4022.100	ND	0.711	ND	ND	ND	0.007
2/1/2001	ND	2720.100	ND	1.578	ND	ND	ND	0.031
2/12/2001	--	1372.600	--	--	--	--	ND	0.010
3/1/2001	ND	1795.200	--	--	--	--	ND	0.074
3/12/2001	ND	3013.700	--	--	--	--	ND	0.005
4/9/2001	ND	0.007	ND	2.606	--	--	ND	0.007

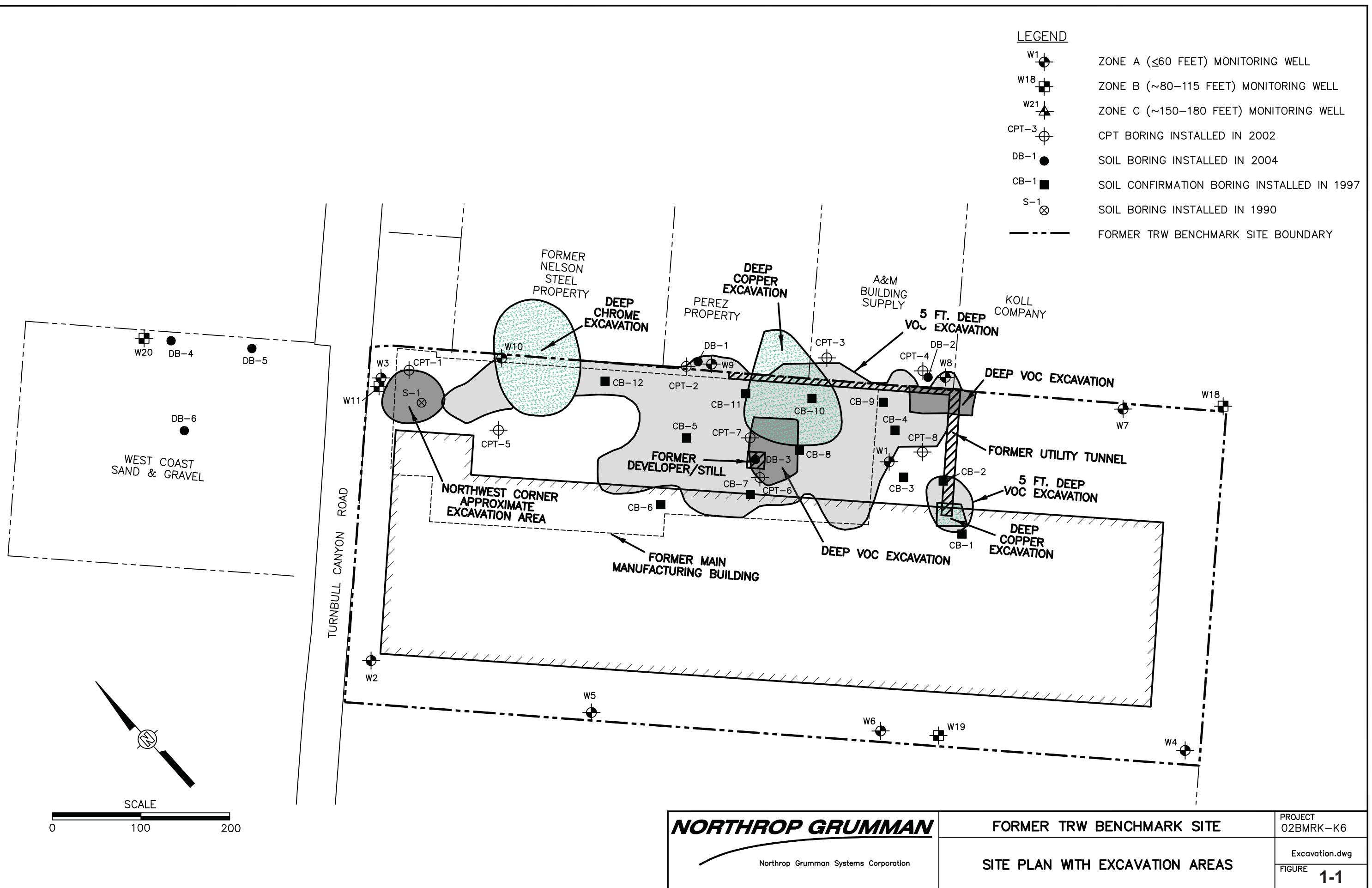
(a) Fluorescein and Sulphorhodamine B (SRB) results reported in parts per billion (ppb).

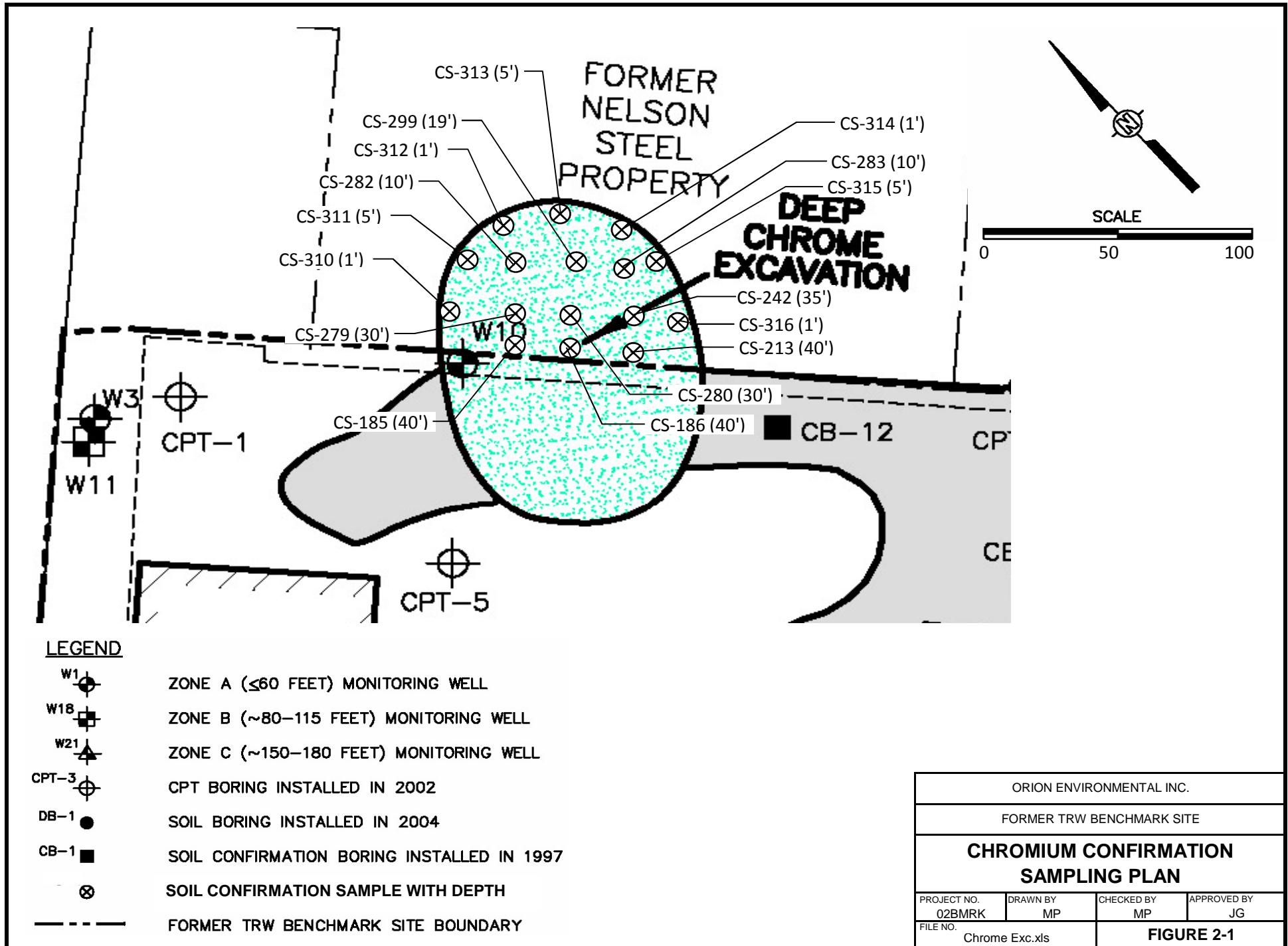
(b) Dye tracer test background levels.

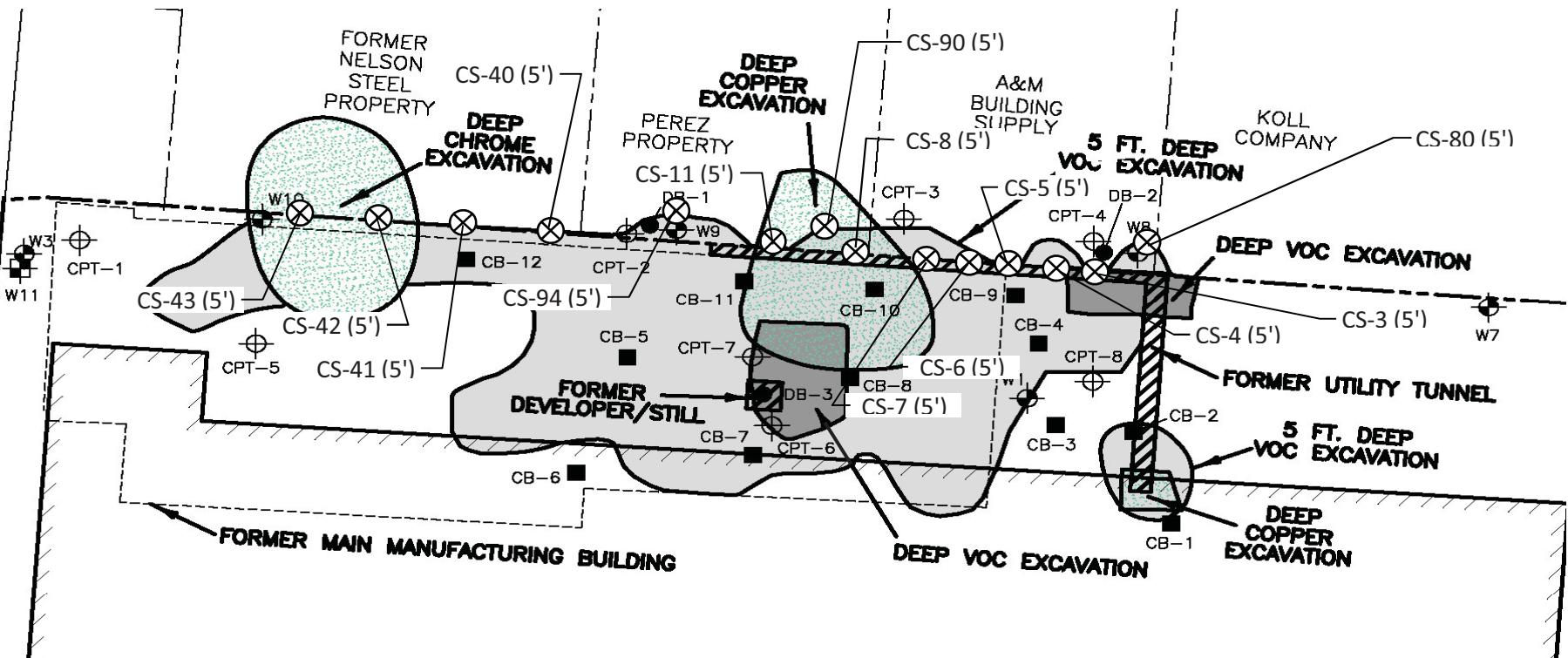
(c) "--" - Not sampled.

(d) Not detected.

(e) To be called a positive hit two detections greater than the background must be detected.

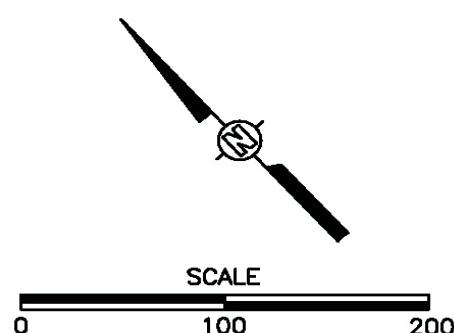




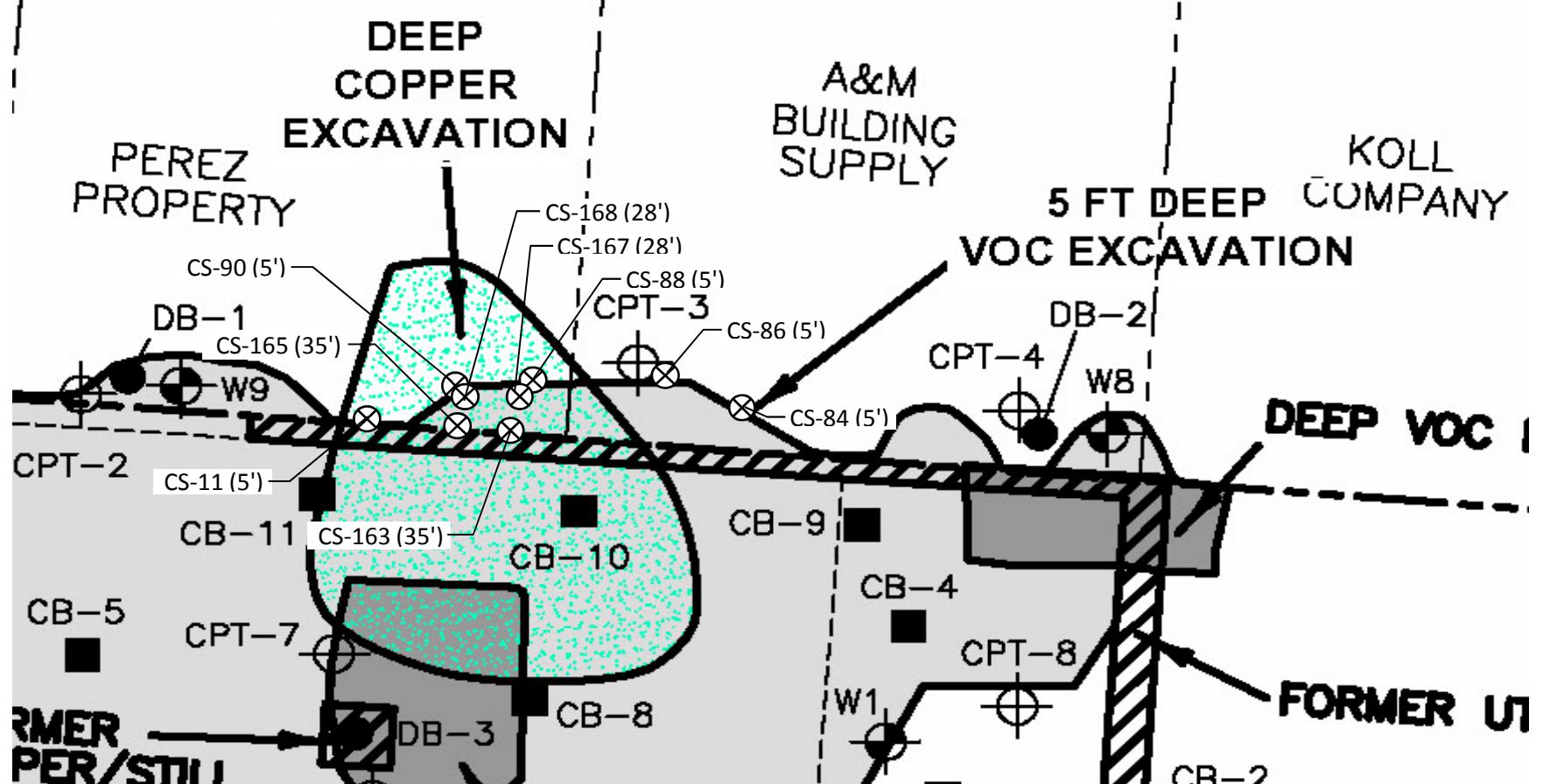


LEGEND

- W1 ● ZONE A (<60 FEET) MONITORING WELL
- W18 ■ ZONE B (~80–115 FEET) MONITORING WELL
- W21 ▲ ZONE C (~150–180 FEET) MONITORING WELL
- CPT-3 ○ CPT BORING INSTALLED IN 2002
- DB-1 ● SOIL BORING INSTALLED IN 2004
- CB-1 ■ SOIL CONFIRMATION BORING INSTALLED IN 1997
- ⊗ SOIL CONFIRMATION SAMPLE WITH DEPTH
- FORMER TRW BENCHMARK SITE BOUNDARY

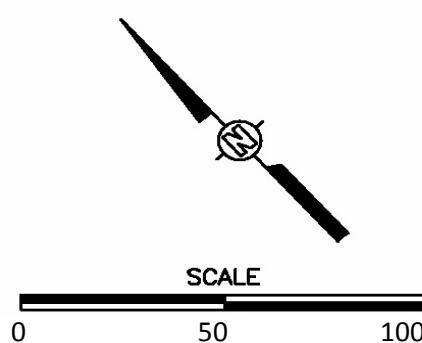


ORION ENVIRONMENTAL INC.			
FORMER TRW BENCHMARK SITE			
VOC CONFIRMATION SAMPLING PLAN			
PROJECT NO. 02BMRK	DRAWN BY MP	CHECKED BY MP	APPROVED BY JG
FILE NO. VOC Exc.xls			FIGURE 2-2

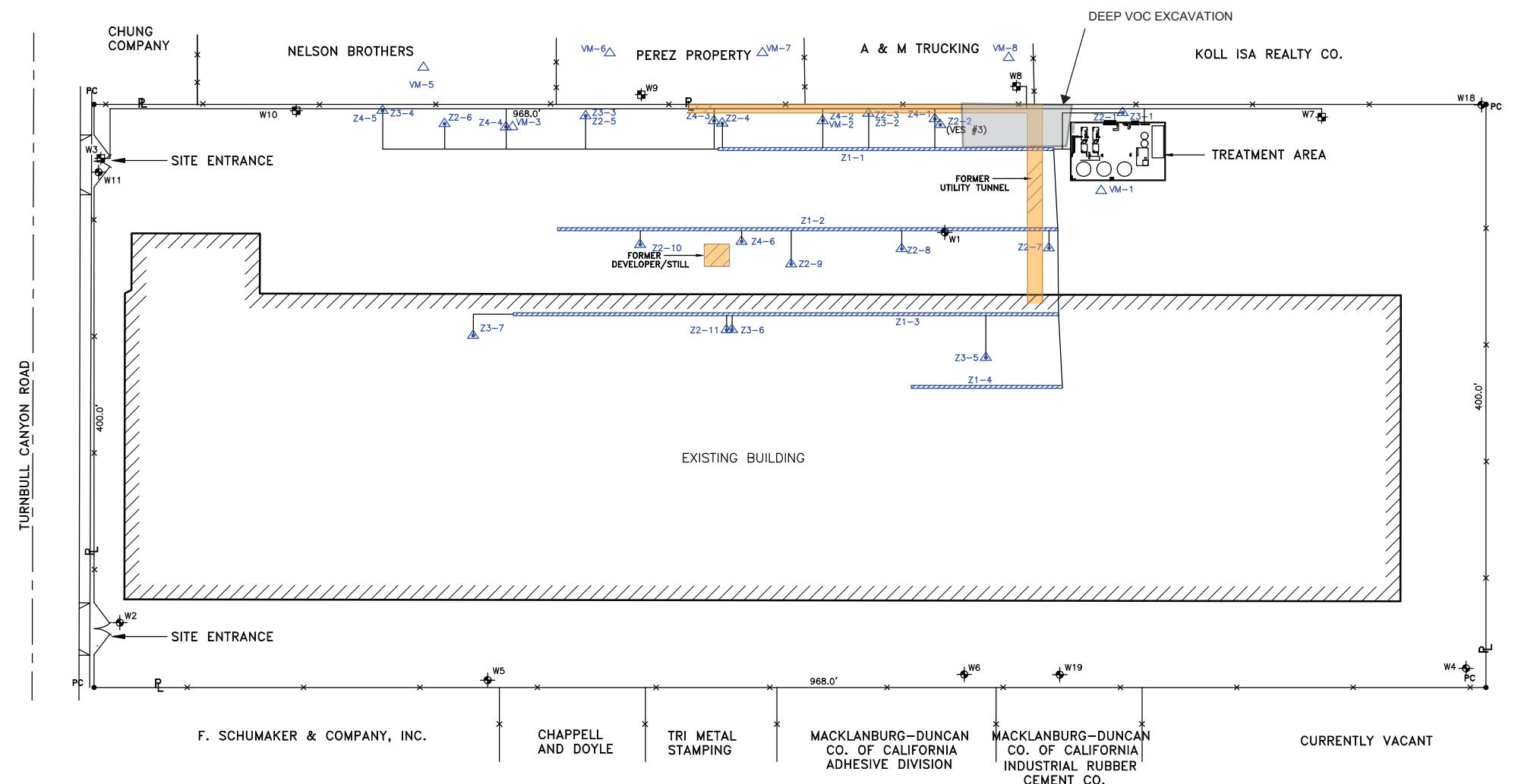


LEGEND

- W1 ● ZONE A (<60 FEET) MONITORING WELL
- W18 ■ ZONE B (~80–115 FEET) MONITORING WELL
- W21 ▲ ZONE C (~150–180 FEET) MONITORING WELL
- CPT-3 ○ CPT BORING INSTALLED IN 2002
- DB-1 ● SOIL BORING INSTALLED IN 2004
- CB-1 ■ SOIL CONFIRMATION BORING INSTALLED IN 1997
- ⊗ SOIL CONFIRMATION SAMPLE WITH DEPTH
- FORMER TRW BENCHMARK SITE BOUNDARY



ORION ENVIRONMENTAL INC.			
FORMER TRW BENCHMARK SITE			
COPPER CONFIRMATION SAMPLING PLAN			
PROJECT NO. 02BMRK	DRAWN BY MP	CHECKED BY MP	APPROVED BY JG
FILE NO. Copper Exc.xls			FIGURE 2-3

LEGEND

	PROPERTY LINE
	CONVEYANCE PIPE TRENCH
	FENCE
	PROPERTY CORNER
	VAPOR EXTRACTION TRENCH - ZONE 1

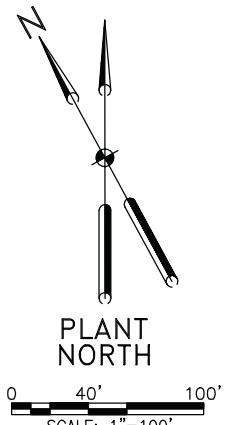
	Z2-1 VAPOR EXTRACTION WELL - ZONE 2
	Z3-1 VAPOR EXTRACTION WELL - ZONE 3
	Z4-1 VAPOR EXTRACTION WELL - ZONE 4
	VM-1 VAPOR MONITORING WELL
	VES #1 ORIGINAL VAPOR MONITORING WELL
	W11 GROUNDWATER MONITORING WELL
	W10 GROUNDWATER EXTRACTION WELL

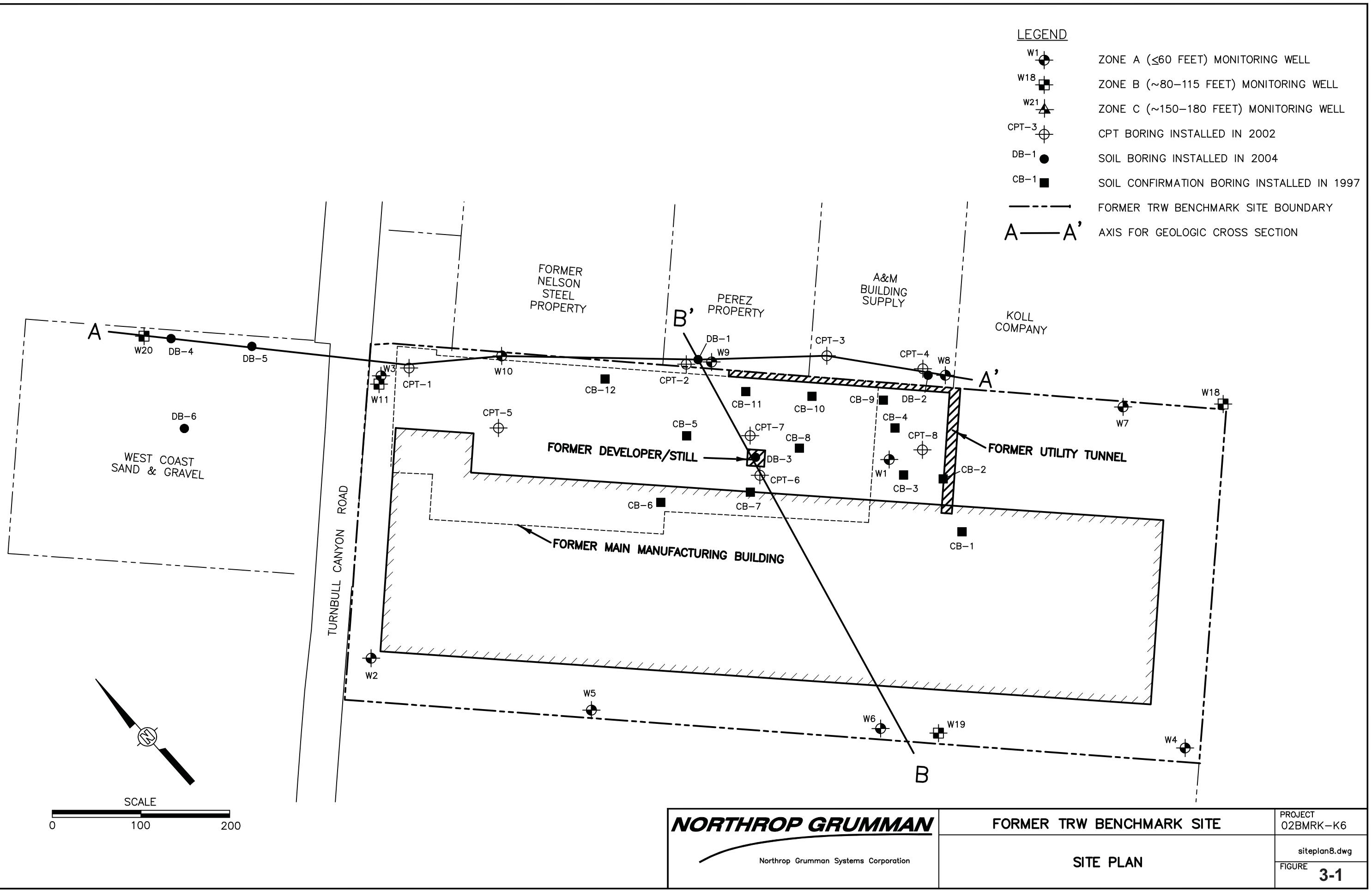
NORTHROP GRUMMAN
Northrop Grumman Systems
Corporation

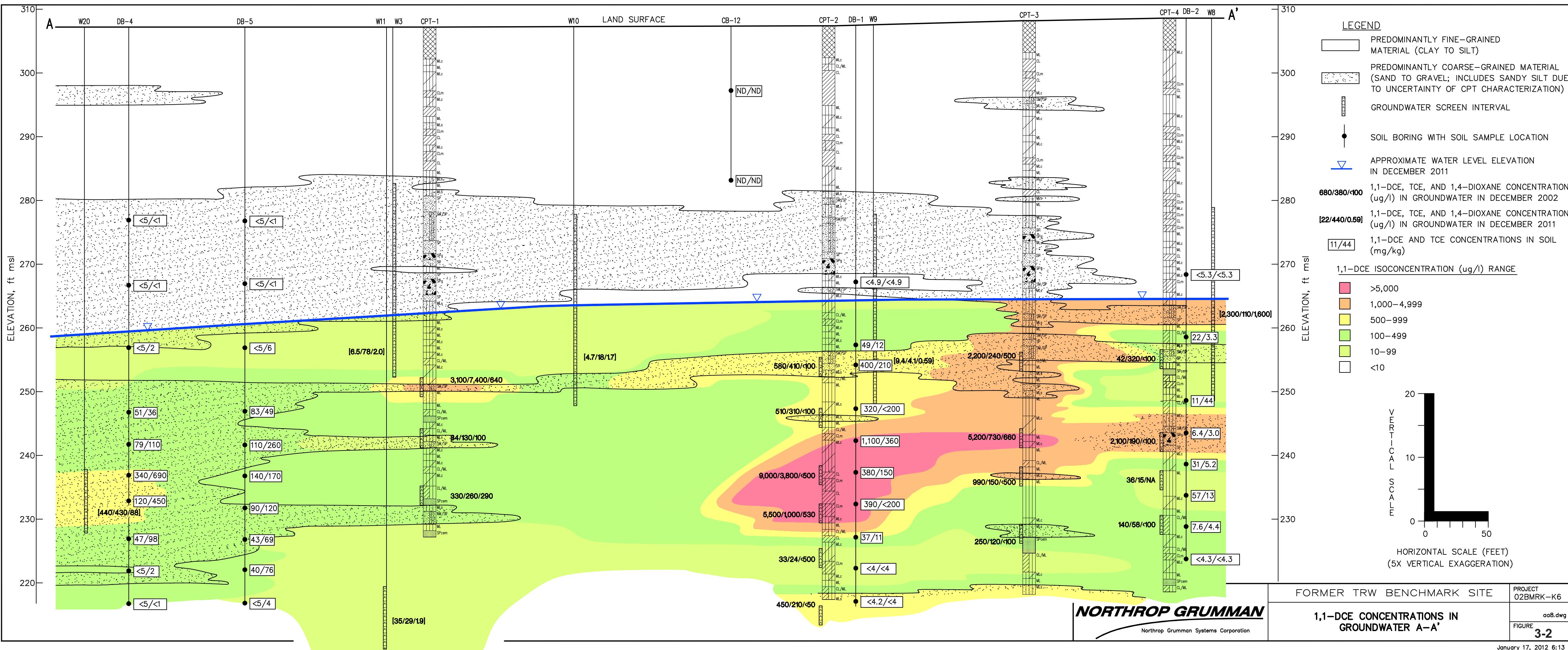
ORION
Orion Environmental Inc.
3450 E. Spring St., Suite 212
Long Beach, California 90806
(562) 988-2755

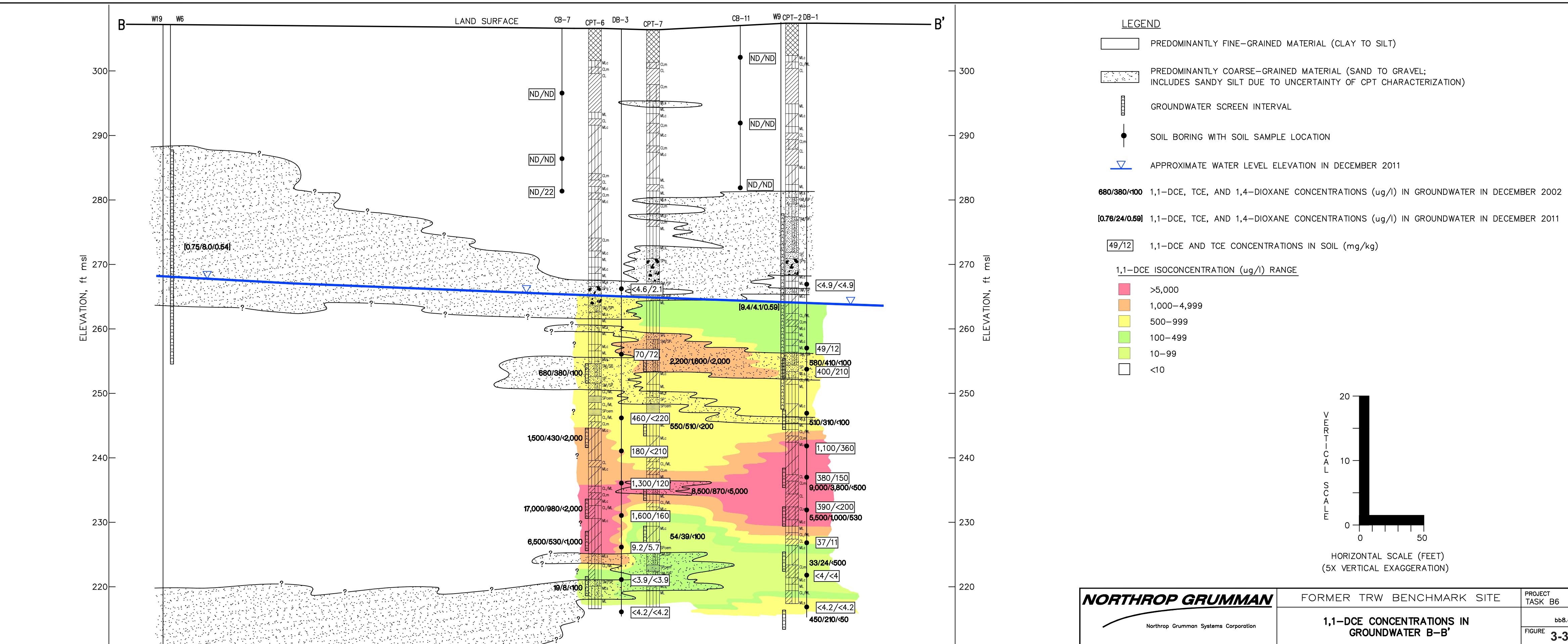
FORMER TRW BENCHMARK SITE
SOIL AND GROUNDWATER
REMEDIATION SYSTEM

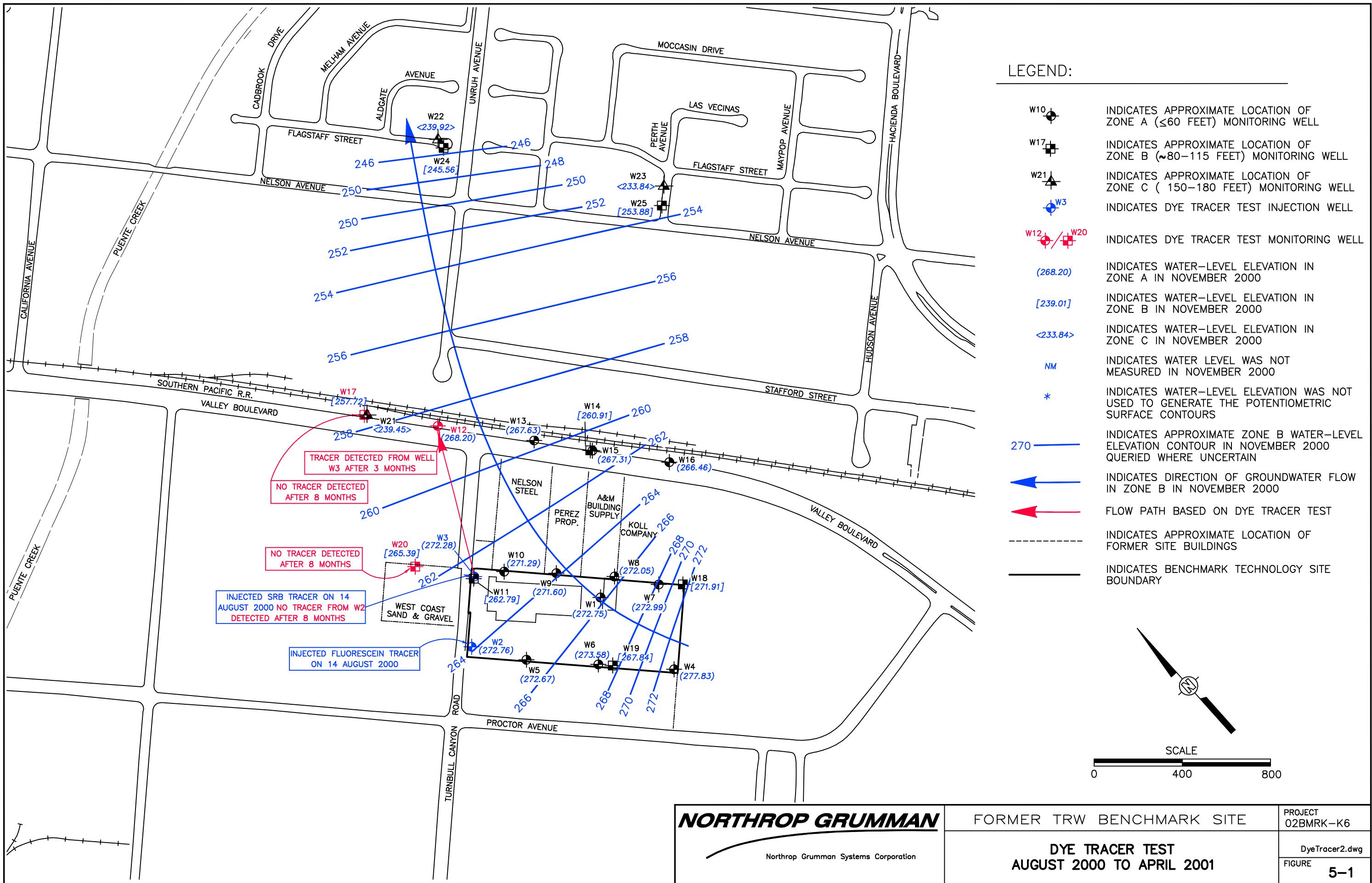
REVISION 0
PROJECT 02BMRK
DRAWING 2-4













ATTACHMENT A

TABLE 9 FROM THE 1992 SOIL INVESTIGATIONS AND REMEDIATION REPORT

TABLE 9
CONCENTRATIONS OF PURGEABLE HALOCARBONS IN SOIL SAMPLES^(a)
EPA METHOD 8010

Boring/ Well No.	Sample No.	Depth (feet)	1,1-DCA ^(b)	1,1,1-TCA ^(b)	TCE ^(b)	1,1-DCE ^(b)	Methylene Chloride	1,2-DCA ^(b)	PCE ^(b)	1,1,2-TCA ^(b)	Other ^(c)	Total
S-1	S-1-3	15	ND ^(d)	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-1-6	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-1-8	40	ND	ND	19	ND	ND	ND	ND	ND	ND	19
S-2	S-2-1	10	12	ND	21	8.5	ND	ND	ND	ND	ND	42
	S-2-3	20	66	24	160	110	ND	ND	ND	160	ND	520
	S-2-5	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	S-2-7	40	18	45Q	ND	43	ND	ND	ND	ND	ND	106
S-3	S-3-3	15	ND	11	12	ND	ND	ND	ND	ND	ND	23
	S-3-8	40	17	ND	140	520	ND	ND	12	ND	ND	689
S-4	S-4-1	10	ND	ND	27	17	ND	ND	ND	ND	ND	44
	S-4-3	20	ND	ND	86	27	ND	ND	ND	ND	ND	167
	S-4-5	30	280	53	750	900	11,000	ND	ND	ND	ND	12,983
	S-4-6	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	S-4-7	40	ND	11	ND	6.9	62	ND	ND	ND	ND	80
S-5	S-5-1	10	ND	10	15	30	ND	ND	ND	ND	24	79
	S-5-3	20	26	50	190	110	ND	ND	ND	170	ND	546
	S-5-5	30	100	240	1,500	1,100	ND	ND	50	80	ND	3,070
	S-5-6	35	24	62	280	150	ND	ND	ND	38	ND	554
	S-5-7	40	6.9	ND	63	180	ND	ND	ND	5.9	ND	256
S-6	S-6-1	10	ND	67	52	46	ND	ND	ND	ND	ND	165
	S-6-3	20	28	ND	53	38	ND	ND	ND	ND	ND	119
	S-6-5	30	ND	ND	ND	7.0	ND	ND	ND	ND	ND	7.0
	S-6-7	40	20	18	190	430	ND	ND	ND	ND	ND	658
S-7	S-7-3	15	260	500	36	3,000	ND	ND	ND	ND	ND	3,796
	S-7-5	25	460	840	97	5,800	ND	ND	60	140	ND	7,397
	S-7-7	35	61	630	ND	44	ND	ND	ND	5.7	ND	741
	S-7-8	40	280	4,100	25	3,100	130	ND	ND	150	240	7,785

TABLE 9 (continued)

Boring/ Well No.	Sample No.	Depth (feet)	1,1-DCA ^(b)	1,1,1-TCA ^(b)	TCE ^(b)	1,1-DCE ^(b)	Methylene Chloride	1,2-DCA ^(b)	PCE ^(b)	1,1,2-TCA ^(b)	Other ^(c)	Total
S-8	S-8-3	15	200	380	50	1,100	ND	ND	ND	1,100	91	2,921
	S-8-5	25	400	8,100	380	9,400	4,700	ND	330	1,500	ND	24,860
	S-8-7	35	2,900	75,000	230	9,400	4,600	ND	110	620	ND	92,860
	S-8-8	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-9	S-9-2	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	S-9-4	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-10	S-10-1	10	ND	63	ND	ND	ND	ND	ND	ND	ND	63
	S-10-3	20	7.3	260	ND	130	ND	ND	ND	30	ND	557
S-11	S-11-1	10	5.0	7.9	510	17	ND	ND	ND	ND	ND	540
	S-11-3	20	ND	8.7	1,400	350	ND	ND	6.7	33	ND	1,799
S-12	S-12-1	10	8.2	150	320	75	39	ND	6.9	30	ND	629
	S-12-2	20	63	290	1,400	420	ND	ND	ND	ND	ND	2,173
S-13	S-13-1	10	31	ND	140	150	ND	ND	ND	ND	ND	ND
	S-13-2	20	73	27	170	200	ND	ND	ND	ND	ND	470
S-14	S-14-2	10	8.3	ND	ND	62	ND	ND	ND	ND	ND	70
S-15	S-15-2	10	6.5	120	ND	76	ND	ND	ND	8.5	ND	212
	S-15-4	20	ND	ND	ND	36	ND	ND	ND	ND	ND	36
S-16	S-16-1	10	ND	ND	11	9.6	ND	ND	ND	ND	ND	21
	S-16-3	20	ND	ND	46	5.7	ND	ND	ND	ND	ND	103
X-1	X-1-1	4	ND	17	18	ND	ND	ND	ND	ND	12	47
X-2	X-2-1	4	ND	20	75	21	6.5	ND	ND	ND	ND	122.5
X-3	X-3-1	4	ND	ND	25	ND	ND	ND	ND	ND	ND	25
X-4	X-4-1	4	ND	ND	34	ND	ND	ND	ND	ND	ND	34
X-5	X-5-1	4	10	ND	20	ND	ND	ND	ND	ND	ND	30
X-6	X-6-1	4	ND	6	31	12	6.5	ND	ND	ND	ND	55.5

TABLE 9 (continued)

Boring/ Well No.	Sample No.	Depth (feet)	1,1-DCA ^(b)	1,1,1-TCA ^(b)	TCE ^(b)	1,1-DCE ^(b)	Methylene Chloride	1,2-DCA ^(b)	PCE ^(b)	1,1,2-TCA ^(b)	Other ^(c)	Total
X-7	X-7-1	4	ND	15	160	76	10	ND	ND	ND	ND	261
X-8	X-8-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-9	X-9-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-10	X-10-1	4	2,300	ND	ND	2,000	41	14	ND	ND	44	4,396
X-11	X-11-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-12	X-12-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-13	X-13-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-14	X-14-1	4	ND	ND	31	ND	ND	ND	ND	ND	ND	31
X-15	X-15-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-16	X-16-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-17	X-17-1	4	ND	ND	17	ND	ND	ND	ND	ND	ND	17
X-18	X-18-1	4	22	7	53	88	14	ND	ND	ND	ND	184
X-19	X-19-1	4	ND	ND	ND	21	7.5	ND	ND	ND	ND	28.5
X-20	X-20-1	4	ND	ND	ND	12 ^(e)	ND	ND	ND	ND	ND	12
X-21	X-21-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-22	X-22-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-23	X-23-1	4	ND	ND	ND	22	ND	ND	ND	ND	ND	22
X-24	X-24-1	4	ND	18	17	23	5.5	ND	ND	ND	ND	63.5
X-25	X-25-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-26	X-26-1	4	ND	ND	12	ND	ND	ND	ND	ND	ND	12

TABLE 9 (continued)

Boring/ Well No.	Sample No.	Depth (feet)	1,1-DCA ^(b)	1,1,1-TCA ^(b)	TCE ^(b)	1,1-DCE ^(b)	Methylene Chloride	1,2-DCA ^(b)	PCE ^(b)	1,1,2-TCA ^(b)	Other ^(c)	Total
X-27	X-27-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-28	X-28-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-29	X-29-1	4	ND	ND	ND	26	7.9	ND	ND	ND	ND	33.9
X-30	X-30-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-31	X-31-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-32	X-32-1	4	ND	ND	19	54	ND	ND	ND	ND	ND	73
X-33	X-33-1	4	ND	ND	20	9.6	ND	ND	ND	ND	ND	29.6
X-34	X-34-1	4	78	19	26	7.5	5	ND	ND	ND	ND	135.5
X-35	X-35-1	4	ND	19	16	18	ND	ND	ND	ND	ND	53
X-36	X-36-1	4	ND	ND	ND	16	ND	ND	ND	ND	ND	16
X-37	X-37-1	4	110	61	ND	55	ND	ND	ND	ND	ND	226
X-38	X-38-1	4	ND	21	ND	27	ND	ND	ND	ND	ND	48
X-39	X-39-1	4	ND	36	ND	ND	ND	ND	ND	14	ND	50
X-40	X-40-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-41	X-41-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
X-42	X-42-1	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
G-2	G-2-1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
G-3	G-3-1	1	ND	ND	ND	ND	ND	ND	ND	ND	5.6	5.6
C-2	C-2-1-3	5	ND	32	200	ND	ND	ND	ND	ND	ND	232

TABLE 9 (continued)

NOTES:

- (a) Concentrations in $\mu\text{g}/\text{kg}$ (ppb).
- (b) 1,1-DCE = 1,1-dichloroethene; 1,1-DCA = 1,1-dichloroethane; 1,1,1-TCA = 1,1,1-trichloroethane; TCE = trichloroethene; 1,1,2-TCA = 1,1,2-trichloroethane; PCE = tetrachloroethene.
- (c) Includes trans-1,2-DCE; 1,2-dichloropropane; 1,1,1,2-tetrachloroethane; 1,2-dichloroethane.
- (d) ND - Not detected, at detection limits in Appendix C.
- (e) The sample was analyzed twice; the first analyses yielded all non-detect values, and results of the second analysis are reported herein.



ATTACHMENT B

TABLES 2, 3, AND 4 FROM THE JUNE 2011 SEMIANNUAL GROUNDWATER MONITORING REPORT

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
W1A ¹																		
Jan-87	ND	860	<10	240	3,300	<10	NA	ND	<10	NA	<10	ND	ND	120	54	<10	ND	
Jul-87	ND	2,000	3	520	4,000	<1	NA	ND	5	90	5	ND	ND	70	70	2	ND	
Sep-87	ND	4,100	<100	660	7,100	<100	NA	ND	<100	<100	<100	ND	ND	<100	160	<100	ND	
Jun-88	ND	460	<10	310	2,000	<10	NA	ND	<10	<10	<10	ND	ND	66	170	<10	ND	
Nov-88	ND	830	<3	350	8,600	<4	NA	ND	4	NA	<3	ND	ND	110	500	<4	ND	
Jan-91	ND	1,500	<50	670	4,300	<50	NA	ND	<50	NA	<50	ND	ND	79	600	<500	ND	
Apr-93	--	11,000	110	330	3,300	<1	NA	--	18	--	--	ND	ND	<5	120	510	--	--
Jul-93	--	5,900	52	370	3,100	<1	NA	--	7.3	--	--	ND	ND	<5	76	240	--	--
Oct-93	--	1,300	32	270	780	<5	NA	--	5.7	--	--	ND	ND	<25	100	77	--	--
Jan-94	--	1,000	16	280	1,300	<5	NA	--	7.3	--	--	ND	ND	<25	96	89	--	--
Apr-94	--	670	<10	130	800	<10	NA	--	<10	--	--	ND	ND	<50	120	51	--	--
Jul-94	--	2,500	39	180	1,300	<10	NA	--	<10	--	--	ND	ND	<100	61	69	--	--
Nov-94	--	2,000	45	230	1,700	<10	NA	--	<10	--	--	ND	ND	<50	66	66	--	--
Jan-95	--	1,100	50	200	880	13	NA	--	4	--	--	ND	ND	<5	110	97	--	--
Apr-95	<20	780	<20	62	290	<20	NA	<20	<20	<20	<20	ND	ND	<100	92	23	<20	--
Jul-95	<1	3,900	2.3	64	480	<1	NA	<1	<1	28	<1	ND	ND	<5	120	36	<1	--
Oct-95	<10	1,610	<10	85	320	<10	NA	<10	<10	37	<10	ND	ND	<50	160	60	<10	--
Jan-96	<5	1,200	<5	<5	270	12	NA	<5	<5	<5	<5	ND	ND	<25	120	43	<5	--
Apr-96	<5	650	<5	17	110	<5	NA	<5	<5	<5	<5	ND	ND	<25	47	20	<5	--
Jul-96	<1	8,600	<1	34	900	30	NA	<1	<1	15	<1	ND	ND	6.2*	70	26	<1	--
Oct-96	<25	2,800	<25	<25	380	<25	NA	<25	<25	<25	<25	ND	ND	<125	62	<25	<25	--
Oct-96 Dup	<50	2,700	<50	<50	350	<50	NA	<50	<50	<50	<50	ND	ND	<250	<50	<50	<50	--
Feb-97	<1	2,400	1.2	44	400	7.8	NA	<1	<1	18	<1	ND	ND	<5	86	28	<1	--
May-97	<1	1,300	<1	35	260	4.1	NA	<1	<1	14	<1	ND	ND	<5	77	21	<1	--
Nov-97	<1	440	3.8	42	250	6.3	NA	<1	<1	17	<1	ND	ND	<5	75	25	<1	--
Nov-98	<10	130	<5	42	180	<10	NA	<5	<5	17	<5	<5	<200	<100	86	59	NA	<10
Nov-99	<1	12	1	22	43	<0.5	NA	<0.5	<0.5	11	<0.5	<0.5	<0.5	<10	42	15	<0.5	<0.5
Nov-00	<1	5.9	1.5	14	23	<1	NA	<0.5	0.7	5.2	<0.5	<0.5	<0.5	<20	28	23	NA	<1
Nov-01	<1	2	<0.5	4.1	14	<0.5	NA	<0.5	<0.5	8.9	<0.5	0.7	<0.5	<50	37	17	<5	<0.5
Dec-06	<1	<0.5	<0.5	5	22	<1	NA	<0.5	<0.5	3.7	<0.5	<0.5	<0.5	<20	18	5.6	NA	<1

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Nov-07	<1	0.6	<0.5	4.1	9.5	<1	NA	<0.5	<0.5	6.5	<0.5	<0.5	<0.5	<20	23	9.8	NA	<1
Nov 07 Dup	<1	0.6	<0.5	4.4	10	<1	NA	<0.5	<0.5	6.5	<0.5	<0.5	<0.5	<20	24	9.9	NA	<1
W2A																		
Jul-87	ND	17	<3	10	240	<3	NA	ND	<3	NA	<3	ND	ND	ND	80	56	<3	ND
Sep-87	ND	9	<1	<1	94	<1	NA	ND	<1	30	<1	ND	ND	ND	120	31	<1	ND
Jun-88	ND	<1	<1	<1	<1	NA	ND	<1	60	19	ND	ND	ND	ND	130	39	3	ND
Oct-88	ND	4	<3	<4	52	<4	NA	ND	<3	NA	<3	ND	ND	ND	120	42	4	ND
Jun-89	ND	1.5	<1	0.55	18	<1	NA	ND	<1	NA	22	ND	ND	ND	130	45	<10	ND
Oct-90	--	200	ND	3	40	ND	NA	--	ND	--	--	ND	ND	ND	99	57	--	--
Jan-91	--	430	<5	<5	80	<5	NA	--	<5	--	--	ND	ND	<5	250	90	--	--
May-91	--	260	<1	8	86	<1	NA	--	<1	--	--	ND	ND	<1	110	53	--	--
Aug-91	--	290	<5	18	160	<5	NA	--	<5	--	--	ND	ND	<5	200	66	--	--
Nov-91	--	300	<1	10	170	<1	NA	--	<1	--	--	ND	ND	7	200	47	--	--
Jan-92	--	280	<1	<1	57	<1	NA	--	<1	--	--	ND	ND	<1	230	53	--	--
Jan-92 Dup	--	250	<1	6	44	<1	NA	--	<1	--	--	ND	ND	<1	190	48	--	--
May-92	--	90	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	115	31	--	--
Aug-92	--	50	<1	7	13	2	NA	--	<1	--	--	ND	ND	<1	18	14	--	--
Aug-92 Dup	--	62	<1	8	17	4	NA	--	<1	--	--	ND	ND	<1	118	32	--	--
Aug-92 Dup	--	60	<1	8	17	3	NA	--	<1	--	--	ND	ND	<1	117	32	--	--
Nov-92	--	40	<1	5	12	<1	NA	--	<1	--	--	ND	ND	<1	100	31	--	--
Jan-93	--	30	<1	10	35	2	NA	--	<1	--	--	ND	ND	<5	130	44	--	--
Jan-93 (WC)	--	23	<2	7	20	<2	NA	--	<2	--	--	ND	ND	4*	91	30	--	--
Apr-93	--	18	<1	7	18	2	NA	--	<1	--	--	ND	ND	<5	120	28	--	--
Jul-93	--	22	<1	5.4	14	<1	NA	--	<1	--	--	ND	ND	<5	110	31	--	--
Oct-93	--	40	<1	6.8	17	<1	NA	--	<1	--	--	ND	ND	<5	140	35	--	--
Jan-94	--	26	<1	4.4	13	<1	NA	--	<1	--	--	ND	ND	8.2	150	37	--	--
Apr-94	--	23	<1	4	13	<1	NA	--	<1	--	--	ND	ND	<5	160	35	--	--
Jul-94	--	9.5	<2	2.2	5	<2	NA	--	<2	--	--	ND	ND	<10	120	21	--	--
Nov-94	--	9.2	<1	4.3	10	<1	NA	--	<1	--	--	ND	ND	<5	130	30	--	--
Jan-95	--	47	<1	3	5	<1	NA	--	<1	--	--	ND	ND	<5	170	35	--	--
Apr-95	<5	110	<5	<5	34	<5	NA	<5	<5	31	<5	ND	ND	<25	180	36	<5	--
Jul-95	<1	99	<1	1.5	13	<1	NA	<1	<1	28	<1	ND	ND	<5	130	28	<1	--

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Oct-95	<1	57	<1	3.3	9.1	<1	NA	<1	<1	38	<1	ND	ND	<5	120	31	<1	--	
Jan-96	<1	37	<1	2.3	9.8	<1	NA	<1	<1	29	<1	ND	ND	<5	120	32	<1	--	
Apr-96	<1	5.7	<1	1.5	7.6	<1	NA	<1	<1	13	<1	ND	ND	<5	73	16	<1	--	
Jul-96	<1	4.7	<1	1.3	5.1	<1	NA	<1	<1	16.4	<1	ND	ND	<5	74.7	19.6	<1	--	
Oct-96	<1	3.2	<1	1.5	5.9	<1	NA	<1	<1	20	<1	ND	ND	<5	120	24	<1	--	
Feb-97	<1	<1	<1	<1	4.6	<0.5	NA	<1	<1	16	<1	ND	ND	<5	73	21	<1	--	
May-97	<1	<1	<1	<1	5.8	<1	NA	<1	<1	16	<1	ND	ND	<5	91	22	<1	--	
Nov-97	<1	1	<1	1.3	7.3	<0.5	NA	<1	<1	20	<1	ND	ND	<5	92	24	<1	--	
Nov-98	<1	<0.5	<0.5	1.2	4	<1	NA	<0.5	<0.5	15	0.6	1.4	<20	<10	79	19	NA	<1	
Nov-99	<10	<0.5	<0.5	1.1	5	<0.5	NA	<0.5	<0.5	15	<0.5	<0.5	<0.5	<0.5	<10	65	20	<0.5	<0.5
May-01	<1	<0.5	<0.5	1.3	1.5	<1	NA	<0.5	<0.5	9.4	<0.5	<0.5	<0.5	<0.5	<20	55	13	NA	<1
Nov-01	<1	<0.5	<0.5	0.7	1.6	<0.5	NA	<0.5	<0.5	8	<0.5	0.6	<0.5	<50	38	13	<5	<0.5	
Dec-10	<1	<0.5	<0.5	<0.5	0.84	<0.5	<2	<0.5	<0.5	5.7	<0.5	<2	<0.5	<20	32	9.3	<0.5	<0.5	
W3A																			
Jul-87	ND	630	<10	150	1,600	<10	NA	ND	<10	100	<10	ND	ND	ND	120	620	<10	ND	
Jul-87 Dup	ND	670	<10	NA	1,700	<10	NA	ND	<10	100	<10	ND	ND	ND	130	680	<10	ND	
Sep-87	ND	2,100	<20	92	2,100	<20	NA	ND	<20	50	<20	ND	ND	ND	130	850	<20	ND	
Jun-88	ND	1,100	<5	58	800	<5	NA	ND	<5	40	<5	ND	ND	ND	130	620	<5	ND	
Oct-88	ND	1,900	<30	60	1,600	<40	NA	ND	<30	NA	<30	ND	ND	ND	130	440	<40	ND	
Jun-89	ND	2,600	<10	83	1,100	<10	NA	ND	<10	NA	24	ND	ND	ND	150	780	<10	ND	
Oct-90	--	25,000	ND	780	7,700	ND	NA	--	ND	--	--	ND	ND	ND	400	20,000	--	--	
Jan-91	--	68,000	<250	550	11,000	<250	NA	--	<250	--	--	ND	ND	ND	530	730	58,000	--	--
May-91	--	70,000	<100	440	10,000	<100	NA	--	<100	--	--	ND	ND	<100	900	44,000	--	--	
May-91 Dup	--	55,000	<300	530	10,000	<400	NA	--	<300	--	--	ND	ND	790*	750	35,000	--	--	
Aug-91	--	34,000	<50	1,200	10,000	<50	NA	--	<50	--	--	ND	ND	<50	700	41,000	--	--	
Nov-91	--	110,000	87	1,200	26,000	<1	NA	--	<1	--	--	ND	ND	<1	730	73,000	--	--	
Nov-91 Dup	--	120,000	<500	1,500	22,000	<500	NA	--	<500	--	--	ND	ND	<500	<500	73,000	--	--	
Jan-92	--	47,000	<1	790	4,000	<1	NA	--	<1	--	--	ND	ND	<1	580	24,000	--	--	
Jun-92	--	46,800	<250	333	2,640	<250	NA	--	<250	--	--	ND	ND	<250	<250	20,400	--	--	
Aug-92	--	38,000	<500	550	500	<1	NA	--	<1	--	--	ND	ND	<1	<500	12,400	--	--	
Nov-92	--	61,000	130	1,100	19,000	<1	NA	--	<1	--	--	ND	ND	<1	810	23,000	--	--	
Nov-92 Dup	--	74,000	<500	<500	4,800	<500	NA	--	<500	--	--	ND	ND	<500	<500	26,000	--	--	

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Jan-93	--	6,300	25	200	1,900	<10	NA	--	<10	--	--	ND	ND	<10	160	5,000	--	--	
Jan-93 Dup	--	7,000	31	220	2,100	<10	NA	--	<10	--	--	ND	ND	<50	230	5,500	--	--	
Jan-93 (WC)	--	7,100	<200	<200	2,000	<200	NA	--	<200	--	--	ND	ND	1,000*	<200	5,100	--	--	
Apr-93	--	9,800	44	200	2,600	<1	NA	--	11	--	--	ND	ND	<5	300	8,100	--	--	
Apr-93 Dup	--	10,000	44	210	2,600	<1	NA	--	13	--	--	ND	ND	<5	280	9,700	--	--	
Jul-93	--	1,100	<5	61	500	<5	NA	--	<5	--	--	ND	ND	<25	130	850	--	--	
Jul-93 Dup	--	1,300	<5	71	670	<5	NA	--	<5	--	--	ND	ND	<25	110	830	--	--	
Oct-93	--	3,300	<1	59	830	<1	NA	--	<1	--	--	ND	ND	<5	92	1,700	--	--	
Jan-94	--	450	2.8	52	410	<2.5	NA	--	<2.5	--	--	ND	ND	<12.5	120	340	--	--	
Apr-94	--	1,500	4.1	82	1,200	<5	NA	--	<5	--	--	ND	ND	<25	79	720	--	--	
Jul-94	--	580	<20	46	340	<20	NA	--	<20	--	--	ND	ND	<100	98	310	--	--	
Nov-94	--	700	<50	31	1,800	<50	NA	--	<50	--	--	ND	ND	<250	100	400	--	--	
Jan-95	--	1,600	<10	87	1,100	<10	NA	--	<10	--	--	ND	ND	<50	120	720	--	--	
Feb-96 ²	<2.5	1,400	<2.5	34	260	<2.5	NA	<2.5	<2.5	18	<2.5	ND	ND	<12.5	73	140	<2.5	--	
Jul-96	<50	1,500	<50	<50	240	<50	NA	<50	<50	<50	<50	ND	ND	<250	120	100	<50	--	
Oct-96	<10	650	<10	<10	170	<10	NA	<10	<10	<10	<10	ND	ND	<50	94	75	<10	--	
Feb-97	<1	520	1.4	22	210	1.4	NA	<1	<1	13	<1	ND	ND	<5	63	89	<1	--	
May-97	<1	410	<1	24	180	1.5	NA	<1	<1	13	<1	ND	ND	<5	66	81	<1	--	
Nov-97	<1	44	<1	12.8	45	<0.5	NA	<1	<1	17	<1	ND	ND	<5	83	45	<1	--	
Nov-98	<1	57	<0.5	16	57	<1	NA	<0.5	<0.5	12	0.6	0.6	<20	<10	59	38	NA	<1	
May-99	<1	17	<0.5	14	39	<1	NA	<0.5	<0.5	13	0.6	<0.5	<0.5	<50	50	33	NA	<1	
Nov-99	<1	16	<0.5	14	45	<0.5	NA	<0.5	<0.5	17	<0.5	<0.5	<0.5	<10	77	48	<0.5	<0.5	
May-00	<1	7.5	<0.5	10	22	<1	NA	<0.5	<0.5	9.6	0.5	<0.5	<0.5	<20	49	32	NA	<1	
May-00 Dup	<1	8.3	<0.5	10	26	<1	NA	<0.5	<0.5	10	<0.5	<0.5	<0.5	<20	45	30	NA	<1	
May-01	<1	2.2	<0.5	6.4	12	<1	NA	<0.5	<0.5	7.9	<0.5	<0.5	<0.5	<20	34	40	NA	<1	
Nov-01	<1	<0.5	<0.5	1.7	1.9	<0.5	NA	<0.5	<0.5	8.1	<0.5	<0.5	<0.5	<50	17	9.9	<5	<0.5	
Jun-02	<2	<2	<2	4.5	37	<2	NA	<2	<2	12	<2	<2	<2	<2	<10	55	77	<2	<2
Jun-02 Dup	<2	<2	<2	4.8	41	<2	NA	<2	<2	12	<2	<2	<2	<2	<10	58	80	<2	<2
Dec-02	<2	<2	<2	2.9	52	<2	NA	<2	<2	12	<2	<2	<2	<2	<10	48	84	<2	<2
Dec-02 Dup	<2	<2	<2	2.9	51	<2	NA	<2	<2	11	<2	<2	<2	<2	<10	48	83	<2	<2
May-03	<2	3.7	<2	3.9	5.3	<2	NA	<2	<2	6.2	<2	<2	<2	<2	<10	29	31	<2	<2
May-03 Dup	<2	4.1	<2	4.3	5.4	<2	NA	<2	<2	6.5	<2	<2	<2	<2	<10	29	32	<2	<2

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Nov-03	<5	<5	<5	15	210	<5	NA	<5	<5	7.7	<5	<10	<10	<5	29	270	<10	<5
May-04	<50	<50	<50	54	760	<50	NA	<50	<50	<50	<50	<50	<50	<250	89	1,300	<50	<50
Nov-04	<10	14	6.9	54	940	<5	NA	<5	<5	16	<5	<20	<5	<500	64	1,700	<5	<5
Nov-04 Dup	<10	14	7.6	56	960	<5	NA	<5	<5	16	<5	<20	<5	<500	66	1,700	<5	<5
Jun-05	<1	2.8	2.6	2.4	7.3	<0.5	NA	<0.5	0.8	1.1	<0.5	<2	<0.5	<50	3.7	16	<0.5	<0.5
Jun-05 Dup	<1	3	2.6	2.4	8.4	<0.5	NA	<0.5	0.9	1.2	<0.5	<2	<0.5	<50	4.2	17	<0.5	<0.5
Nov-05	<1	<0.5	<0.5	1.2	1.2	<0.5	NA	<0.5	<0.5	4.6	<0.5	<2	<0.5	<50	18	12	<0.5	<0.5
Nov-05 Dup	<1	<0.5	<0.5	1.1	1.2	<0.5	NA	<0.5	<0.5	4.5	<0.5	<2	<0.5	<50	17	12	<0.5	<0.5
Dec-06	<1	<0.5	<0.5	0.8	1.3	<1	NA	<0.5	<0.5	5.5	<0.5	<0.5	<0.5	<20	23	9.4	NA	<1
Jun-07	<1	<0.5	<0.5	1	1.6	<1	4	<0.5	<0.5	5.6	<0.5	<0.5	<0.5	<20	30	11	NA	<1
Nov-07	<1	0.6	<0.5	0.6	1.3	<1	NA	<0.5	<0.5	4.9	<0.5	<0.5	<0.5	<20	22	9.7	NA	<1
May-08	<1	3.8	<0.5	<0.5	2.5	<1	<2	<0.5	<0.5	4.3	<0.5	<0.5	<0.5	<20	16	14	<0.5	<1
Nov-08	<1	43	0.6	0.7	8.9	<0.5	NA	<0.5	<0.5	4.6	<0.5	<2	<0.5	<20	22	96	<0.5	<0.5
Jun-09	<1	28	<0.5	2	4.9	<0.5	<4	<0.5	<0.5	3.5	<0.5	<2	<0.5	<20	18	59	<0.5	<0.5
Dec-09	<1	57	<0.5	4	33	<0.5	NA	<0.5	<0.5	4.5	<0.5	<2	<0.5	<20	23	170	<0.5	<0.5
Dec-09 Dup	<1	60	<0.5	3.9	35	<0.5	NA	<0.5	<0.5	4.4	<0.5	<2	<0.5	<20	23	170	<0.5	<0.5
Jun-10	<4	82	<2	3.4	2.7	<2	7.2	<2	<2	3	<2	<8	<2	<80	25	260	<2	<2
Dec-10	<2	73	2.6	3.6	19	<1	6.3	<1	<1	2.9	<1	<4	<1	<40	27	280	<1	<1
Jun-11	<4	57	<2	3.9	27	<2	9.1	<2	<2	3.7	<2	<8	<2	<80	38	330	<2	<2
W4A																		
Jul-87	ND	100	<1	<1	3	<1	NA	ND	<1	100	<1	ND	ND	<10	27	3	ND	
Sep-87	ND	120	<1	<1	3	<1	NA	ND	<1	30	<1	ND	ND	<10	30	<1	ND	
Jun-88	ND	120	<1	<1	2	<1	NA	ND	<1	40	<1	ND	ND	<10	34	4	ND	
Nov-88	ND	0.9	<0.3	0.9	5.5	<0.4	NA	ND	<0.3	NA	<0.3	ND	ND	160	47	6.2	ND	
Jun-89	ND	160	<1.0	<1.0	<1.0	<1.0	NA	ND	<1.0	NA	23	ND	ND	<10	46	<10	ND	
Jun-89 Dup	ND	160	<1.0	<1.0	1.6	<1.0	NA	ND	<1.0	NA	23	ND	ND	<10	46	<10	ND	
Oct-90	--	68	ND	ND	8	ND	NA	--	ND	--	--	ND	ND	ND	120	56	--	--
Jan-91	--	140	<5	<5	20	<5	NA	--	<5	--	--	ND	ND	<5	230	60	--	--
Jan-91 Dup	--	170	<5	<5	15	<5	NA	--	<5	--	--	ND	ND	<5	250	80	--	--
May-91	--	160	<1	<1	17	<1	NA	--	<1	--	--	ND	ND	<1	100	47	--	--
Aug-91	--	180	<5	<5	29	<5	NA	--	<5	--	--	ND	ND	<5	170	41	--	--
Nov-91	--	280	<1	<1	100	<1	NA	--	<1	--	--	ND	ND	<1	120	68	--	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Jan-92	--	230	<1	<1	17	<1	NA	--	1	--	--	ND	ND	<1	270	67	--	--	
Jan-92 Dup	--	220	<1	<1	16	<1	NA	--	<1	--	--	ND	ND	<1	270	60	--	--	
May-92	--	25	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	138	30	--	--	
Aug-92	--	11	<1	<1	4	<1	NA	--	<1	--	--	ND	ND	<1	81	20	--	--	
Aug-92 Dup	--	12	<1	<1	4	<1	NA	--	<1	--	--	ND	ND	<1	81	21	--	--	
Nov-92	--	10	<1	<1	4	<1	NA	--	<1	--	--	ND	ND	<1	140	32	--	--	
Jan-93	--	11	<2.5	<2.5	9	<2.5	NA	--	<2.5	--	--	ND	ND	<12.5	140	31	--	--	
Jan-93 (WC)	--	10	<2	<2	6	<2	NA	--	<2	--	--	ND	ND	5*	97	20	--	--	
Apr-93	--	10	<1	<1	10	<1	NA	--	<1	--	--	ND	ND	<5	110	27	--	--	
Jul-93	--	12	<1	1	6	<1	NA	--	<1	--	--	ND	ND	<5	140	40	--	--	
Oct-93	--	5.1	<1	<1	5.2	<1	NA	--	<1	--	--	ND	ND	<5	180	33	--	--	
Jan-94	--	2.6	<2	<2	<2	<2	NA	--	<2	--	--	ND	ND	<10	92	21	--	--	
Apr-94	--	2.4	<2	<2	4.4	<2	NA	--	<2	--	--	ND	ND	<10	160	32	--	--	
Jul-94	--	<2	<2	<2	2.8	<2	NA	--	<2	--	--	ND	ND	<10	140	29	--	--	
Nov-94	--	<5	<5	<5	<5	<5	NA	--	<5	--	--	ND	ND	<25	150	32	--	--	
Jan-95	--	2	<1	<1	2	<1	NA	--	<1	--	--	ND	ND	<5	140	41	--	--	
Apr-95	<5	<5	<5	<5	31	<5	NA	<5	<5	35	<5	ND	ND	<25	225	35	<5	--	
Oct-95	<10	<10	<10	<10	<10	<10	NA	<10	<10	55	<10	ND	ND	<50	250	50	<10	--	
Jan-96	<1	<1	<1	<1	5.8	<1	NA	<1	<1	31	<1	ND	ND	<5	120	32	<1	--	
Apr-96	<1	<1	<1	<1	3	<1	NA	<1	<1	14	<1	ND	ND	<5	82	15	<1	--	
Jul-96	<1	<1	<1	<1	1.4	<1	NA	<1	<1	16.7	<1	ND	ND	<5	77.9	20.1	<1	--	
Oct-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	24	<1	ND	ND	<5	140	28	<1	--	
Feb-97	<1	<1	<1	<1	1.6	<0.5	NA	<1	<1	23	<1	ND	ND	<5	97	26	<1	--	
Feb-97 Dup	<1	<1	<1	<1	1.6	<0.5	NA	<1	<1	23	<1	ND	ND	<5	98	27	<1	--	
May-97	<1	<1	<1	<1	1.3	<1	NA	<1	<1	18	<1	ND	ND	<5	100	22	<1	--	
Nov-97	<1	<1	<1	<1	4	<0.5	NA	<1	<1	22	<1	ND	ND	<5	100	25.8	<1	--	
Nov-97 Dup	<1	<1	<1	<1	3.8	<0.5	NA	<1	<1	21	<1	ND	ND	<5	100	26	<1	--	
Nov-98	<1	<0.5	<0.5	<0.5	1.3	<1	NA	<0.5	<0.5	15	1.4	0.6	<20	<10	88	22	NA	<1	
Nov-99	<1	<0.5	<0.5	<0.5	2.3	<0.5	NA	<0.5	<0.5	17	0.5	<0.5	<0.5	<10	76	22	0.5	<0.5	
Nov-00	<1	<0.5	<0.5	<0.5	3	<1	NA	<0.5	<0.5	13	0.8	<0.5	<0.5	<20	69	19	NA	<1	
Nov-01	<1	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	NA	<0.5	<0.5	9.8	<0.5	<0.5	<0.5	<50	41	11	<5	<0.5
Dec-02	<1	<1	<1	<1	<1	1.6	<1	NA	<1	<1	9.8	<1	<1	<5	59	13	<1	<1	

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Nov-03	<1	<1	<1	<1	1.3	<1	NA	<1	<1	7.9	<1	<2	<2	<1	45	11	<2	<1
Nov-04	<1	<0.5	<0.5	<0.5	1.2	<0.5	NA	<0.5	<0.5	8	<0.5	<2	<0.5	<50	53	14	<0.5	<0.5
Nov-05	<1	<0.5	<0.5	<0.5	0.7	<0.5	NA	<0.5	<0.5	6.3	<0.5	<2	<0.5	<50	34	8.9	<0.5	<0.5
Dec-06	<1	<0.5	<0.5	<0.5	0.6	<1	NA	<0.5	<0.5	7.7	<0.5	<0.5	<0.5	<20	37	9	NA	<1
Nov-08	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	6	<0.5	<2	<0.5	<20	27	7.8	<0.5	<0.5
Dec-09	<1	<0.5	<0.5	1.2	36	<0.5	NA	<0.5	<0.5	5.6	<0.5	<2	<0.5	<20	20	21	<0.5	<0.5
Dec-10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	4.3	0.55	<2	<0.5	<20	17	5.7	<0.5	<0.5
Jun-11	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	3.6	<0.5	<2	<0.5	<20	22	5.6	<0.5	<0.5
W5A																		
Jun-88	ND	<1	<1	<1	63	<1	NA	ND	<1	60	<1	ND	ND	ND	120	36	<1	ND
Nov-88	ND	7	<3	8	340	<4	NA	ND	<3	NA	<3	ND	ND	ND	120	29	<4	ND
Jun-89	ND	9.2	<1	11	200	<1	NA	ND	<1	NA	27	ND	ND	ND	170	60	<10	ND
Oct-90	--	130	ND	10	150	ND	NA	--	ND	--	--	ND	ND	ND	93	63	--	--
Jan-91	--	220	<5	10	400	<5	NA	--	<5	--	--	ND	ND	<5	220	100	--	--
May-91	--	190	<1	26	850	<1	NA	--	<1	--	--	ND	ND	<1	180	70	--	--
Aug-91	--	190	<5	37	540	<5	NA	--	<5	--	--	ND	ND	<5	220	73	--	--
Nov-91	--	160	<1	18	390	<1	NA	--	<1	--	--	ND	ND	<1	170	92	--	--
Jan-92	--	180	<1	<1	300	<1	NA	--	<1	--	--	ND	ND	<1	230	33	--	--
Jun-92	--	99	<1	7	171	<1	NA	--	<1	--	--	ND	ND	<1	154	46	--	--
Aug-92	--	59	<1	10	96	<1	NA	--	<1	--	--	ND	ND	<1	102	34	--	--
Aug-92 Dup	--	75	<1	9	127	<1	NA	--	<1	--	--	ND	ND	<1	141	33	--	--
Nov-92	--	63	<1	8	120	<1	NA	--	<1	--	--	ND	ND	<1	110	34	--	--
Jan-93	--	53	<2	12	210	<2	NA	--	<2	--	--	ND	ND	<10	190	54	--	--
Jan-93 (WC)	--	39	<2	8	110	<2	NA	--	<2	--	--	ND	ND	4*	110	35	--	--
Apr-93	--	13	<1	7	38	<1	NA	--	<1	--	--	ND	ND	<5	110	34	--	--
Jul-93	--	14	<1	5.3	19	<1	NA	--	<1	--	--	ND	ND	<5	110	37	--	--
Oct-93	--	41	<5	5.6	28	<5	NA	--	<5	--	--	ND	ND	<25	140	39	--	--
Jan-94	--	66	<5	<5	24	<5	NA	--	<5	--	--	ND	ND	<25	140	38	--	--
Apr-94	--	85	<10	11	39	<10	NA	--	<10	--	--	ND	ND	<50	180	39	--	--
Jul-94	--	40	<1	6.8	18	<1	NA	--	<1	--	--	ND	ND	<5	110	27	--	--
Nov-94	--	34	<5	9	25	<5	NA	--	<5	--	--	ND	ND	<25	120	27	--	--
Jan-95	--	200	<1	10	24	<1	NA	--	<1	--	--	ND	ND	<5	140	42	--	--

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Apr-95	<5	640	<5	<5	50	<5	NA	<5	<5	38	<5	ND	ND	<25	210	33	<5	--
Jul-95	<1	400	<1	5.4	43	<1	NA	<1	<1	29	<1	ND	ND	<5	130	34	<1	--
Oct-95	<10	340	<10	<10	45	<10	NA	<10	<10	47	<10	ND	ND	<50	210	44	<10	--
Jan-96	<1	120	<1	<1	22	<1	NA	<1	<1	<1	<1	ND	ND	<5	100	29	<1	--
Apr-96	<1	43	<1	3.7	14	<1	NA	<1	<1	18	<1	ND	ND	<5	92	20	1.1	--
Jul-96	<1	22.7	<1	3.3	9.2	<1	NA	<1	<1	16.1	<1	ND	ND	<5	71	20.4	<1	--
Oct-96	<1	14	<1	3	10	<1	NA	<1	<1	18	<1	ND	ND	<5	100	24	<1	--
Feb-97	<1	8.4	<1	2.4	6.8	<0.5	NA	<1	<1	19	<1	ND	ND	<5	74	22	<1	--
May-97	<1	4.6	<1	1.7	7.1	<1	NA	<1	<1	17	<1	ND	ND	<5	92	22	<1	--
Nov-97	<1	5	<1	2.4	9.9	<0.5	NA	<1	<1	18	<1	ND	ND	<5	84	23	<1	--
Nov-98	<1	1.1	<0.5	2.3	5.3	<1	NA	<0.5	<0.5	15	0.7	0.8	<20	<10	75	20	NA	--
Nov-99	<1	<0.5	<0.5	1.5	5.7	<0.5	NA	<0.5	<0.5	16	<0.5	<0.5	<0.5	<10	68	20	0.6	<0.5
Nov-00	<1	<0.5	<0.5	1.4	3.8	<1	NA	<0.5	<0.5	11	0.5	<0.5	<0.5	<20	56	16	NA	<1
Nov-01	<1	<0.5	<0.5	1.2	3.1	<0.5	NA	<0.5	<0.5	9.1	<0.5	<0.5	<0.5	<50	39	15	<5	<0.5
Dec-10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	6.2	0.65	<2	<0.5	<20	25	10	<0.5	<0.5
W6A																		
Jun-88	ND	<1	<1	<1	<1	<1	NA	ND	<1	60	18	ND	ND	ND	140	37	2	ND
Nov-88	ND	<3	<3	<4	<6	<4	NA	ND	<3	NA	<3	ND	ND	ND	140	26	<4	ND
Jun-89	ND	<1	<1	1.6	9.7	<1	NA	ND	<1	NA	26	ND	ND	ND	160	50	<10	ND
Oct-90	--	270	ND	3	44	ND	NA	--	ND	--	--	ND	ND	ND	220	58	--	--
Jan-91	--	500	<5	<5	40	<5	NA	--	<5	--	--	ND	ND	<5	270	80	--	--
May-91	--	170	<1	4.6	40	<1	NA	--	<1	--	--	ND	ND	<1	200	31	--	--
Aug-91	--	470	<5	5	45	<5	NA	--	<5	--	--	ND	ND	<5	190	58	--	--
Nov-91	--	250	<1	4	63	<1	NA	--	<1	--	--	ND	ND	<1	210	64	--	--
Jan-92	--	1,400	<1	17	75	4	NA	--	<1	--	--	ND	ND	<1	280	66	--	--
Jun-92	--	70	<1	<1	10	<1	NA	--	<1	--	--	ND	ND	<1	140	34	--	--
Aug-92	--	36	<1	4	10	3	NA	--	<1	--	--	ND	ND	<1	141	36	--	--
Aug-92 Dup	--	36	<1	4	9	1	NA	--	<1	--	--	ND	ND	<1	151	37	--	--
Nov-92	--	26	<1	2	8	<1	NA	--	<1	--	--	ND	ND	<1	150	35	--	--
Jan-93	--	24	<2	5	15	<2	NA	--	<2	--	--	ND	ND	<10	170	41	--	--
Jan-93 (WC)	--	20	<2	4	9	<2	NA	--	<2	--	--	ND	ND	6*	100	25	--	--
Apr-93	--	18	<1	7	11	2	NA	--	<1	--	--	ND	ND	<5	140	35	--	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Jul-93	--	51	<1	<1	9.7	<1	NA	--	<1	--	--	ND	ND	<5	130	41	--	--
Oct-93	--	89	<1	11	21	<1	NA	--	<1	--	--	ND	ND	<5	190	33	--	--
Jan-94	--	73	<2	<2	50	<2	NA	--	<2	--	--	ND	ND	<10	130	32	--	--
Apr-94	--	56	<2	9.2	23	<2	NA	--	<2	--	--	ND	ND	<10	150	29	--	--
Jul-94	--	29	<2	5.1	11	<2	NA	--	<2	--	--	ND	ND	<10	110	24	--	--
Nov-94	--	38	<5	<5	20	<5	NA	--	<5	--	--	ND	ND	<25	130	26	--	--
Jan-95	--	390	<1	8	31	2	NA	--	<1	--	--	ND	ND	<5	96	41	--	--
Apr-95	<5	520	<5	<5	33	<5	NA	<5	<5	35	<5	ND	ND	<25	200	33	<5	--
Jul-95	<1	260	<1	2.1	17	<1	NA	<1	<1	25	<1	ND	ND	<5	120	24	<1	--
Oct-95	<10	180	<10	<10	18	<10	NA	<10	<10	46	<10	ND	ND	<50	220	40	<10	--
Jan-96	<1	48	<1	2.9	10	<1	NA	<1	<1	27	<1	ND	ND	<5	110	28	<1	--
Apr-96	<1	18	<1	2	6.3	<1	NA	<1	<1	17	<1	ND	ND	<5	94	18	1	--
Jul-96	<1	8.1	<1	1.6	3.8	<1	NA	<1	<1	15.8	<1	ND	ND	<5	71.6	19.1	<1	--
Oct-96	<1	12	<1	1.8	4.9	<1	NA	<1	<1	19	<1	ND	ND	<5	100	21	<1	--
Feb-97	<1	2.7	<1	1.1	2.3	<0.5	NA	<1	<1	19	<1	ND	ND	<5	86	22	<1	--
May-97	<1	1	<1	<1	1.8	<1	NA	<1	<1	15	<1	ND	ND	<5	78	18	<1	--
Nov-97	<2	11.6	<2	2.2	8.3	<2	NA	<2	<2	22	<2	ND	ND	<10	110	26	<2	--
May-98	<1	1.1	<0.5	1.1	2	<1	NA	<0.5	<0.5	12	0.6	ND	<0.5	<10	69	15	NA	<1
Nov-98	<1	0.6	<0.5	1.4	3.2	<1	NA	<0.5	<0.5	14	0.6	<0.5	<20	<10	78	18	NA	<1
May-99	<1	<0.5	<0.5	1.5	3.1	<1	NA	<0.5	<0.5	15	0.5	<0.5	<0.5	<50	65	18	NA	<1
Nov-99	<1	<0.5	<0.5	1	2	<0.5	NA	<0.5	<0.5	13	<0.5	<0.5	<0.5	<10	59	17	<0.5	<0.5
May-00	<1	<0.5	<0.5	1.1	2.7	<1	NA	<0.5	<0.5	13	<0.5	<0.5	<0.5	<20	52	17	NA	<1
Nov-00	<1	<0.5	<0.5	1.2	2.4	<1	NA	<0.5	<0.5	11	0.6	<0.5	<0.5	<20	59	15	NA	<1
Nov-00 Dup	<1	<0.5	<0.5	1.4	2.6	<1	NA	<0.5	<0.5	12	1	<0.5	<0.5	<20	64	17	NA	<1
May-01	<1	<0.5	<0.5	0.5	1.5	<1	NA	<0.5	<0.5	11	0.5	<0.5	<0.5	<20	55	14	NA	<1
Nov-01	<1	<0.5	<0.5	0.9	1.4	<0.5	NA	<0.5	<0.5	8.4	<0.5	<0.5	<0.5	<50	39	13	<5	<0.5
Nov-01 Dup	<1	<0.5	<0.5	0.9	1	<0.5	NA	<0.5	<0.5	10	<0.5	<0.5	<0.5	<50	32	11	<5	<0.5
Jun-02	<1	<1	<1	<1	1.8	<1	NA	<1	<1	13	<1	<1	<1	<5	75	15	<1	<1
Dec-02	<1	<1	<1	<1	2	<1	NA	<1	<1	12	<1	<1	<1	<5	74	17	<1	<1
May-03	<1	<1	<1	<1	1.4	<1	NA	<1	<1	12	<1	<1	<1	<5	62	14	<1	<1
Nov-03	<1	<1	<1	<1	1.5	<1	<10	<1	<1	11	<1	<2	<2	<1	56	14	<2	<1
May-04	<1	<1	<1	<1	<1	<1	NA	<1	<1	11	<1	<1	<1	<5	68	18	<1	<1

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Nov-04	<1	<0.5	<0.5	0.6	1.1	<0.5	NA	<0.5	<0.5	9.5	<0.5	<2	<0.5	<50	53	14	<0.5	<0.5	
Nov-04 Dup	<1	<0.5	<0.5	0.6	1.1	<0.5	NA	<0.5	<0.5	9.6	<0.5	<2	<0.5	<50	54	14	<0.5	<0.5	
Jun-05	<1	<0.5	<0.5	<0.5	0.8	<0.5	NA	<0.5	<0.5	7.8	<0.5	<2	<0.5	<50	34	10	<0.5	<0.5	
Jun-05 Dup	<1	<0.5	<0.5	<0.5	0.8	<0.5	NA	<0.5	<0.5	7.5	<0.5	<2	<0.5	<50	33	10	<0.5	<0.5	
Nov-05	<1	<0.5	<0.5	<0.5	0.7	<0.5	NA	<0.5	<0.5	9.2	<0.5	<2	<0.5	<50	41	12	<0.5	<0.5	
Nov-05 Dup	<1	<0.5	<0.5	<0.5	0.6	<0.5	NA	<0.5	<0.5	8.6	<0.5	<2	<0.5	<50	41	12	<0.5	<0.5	
Dec-06	<1	<0.5	<0.5	0.6	0.7	<1	NA	<0.5	<0.5	8.1	<0.5	<0.5	<0.5	<20	37	10	NA	<1	
Nov-07	<1	<0.5	<0.5	<0.5	0.7	<1	NA	<0.5	<0.5	7.8	<0.5	<0.5	<0.5	<20	34	9.7	NA	<1	
Nov-08	<1	<0.5	<0.5	<0.5	0.6	<0.5	NA	<0.5	<0.5	7.4	<0.5	<2	<0.5	<20	29	9.1	<0.5	<0.5	
Dec-09	<1	<0.5	<0.5	0.77	21	<0.5	NA	<0.5	<0.5	6.7	<0.5	<2	<0.5	<20	21	18	<0.5	<0.5	
Dec-10	<1	<0.5	<0.5	<0.5	0.81	<0.5	NA	<0.5	<0.5	5.9	<0.5	<2	<0.5	<20	20	7.3	<0.5	<0.5	
Jun-11	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	5.8	<0.5	<2	<0.5	<20	27	8.1	<0.5	<0.5	
W7A																			
Jun-88	ND	1,100	<5	210	1,100	<5	NA	ND	<5	30	<5	ND	ND	ND	100	86	<5	ND	
Nov-88	ND	3,700	<30	630	13,000	<40	NA	ND	<30	NA	<30	ND	ND	ND	150	180	<40	ND	
Jun-89	ND	3,500	<50	490	5,200	<50	NA	ND	<50	NA	<50	ND	ND	ND	110	320	<500	ND	
Jan-91	--	2,100	<50	<50	5,100	<50	NA	--	<50	--	--	ND	ND	ND	200	60	320	--	--
May-91	--	4,600	<50	590	5,300	<50	NA	--	<50	--	--	ND	ND	ND	<50	74	120	--	--
Jan-92	--	2,500	2	1,000	2,900	<1	NA	--	<1	--	--	ND	ND	ND	<1	51	1,000	--	--
Apr-92	--	413	<1	522	1,970	<1	NA	--	<1	--	--	ND	ND	ND	<1	74.4	155	--	--
Aug-92	--	2,600	5	1,100	6,770	<1	NA	--	18	--	--	ND	ND	ND	<1	87	140	--	--
Nov-92	--	1,700	<1	980	11,000	<1	NA	--	<1	--	--	ND	ND	ND	<1	96	210	--	--
Jan-93	--	350	<5	480	4,600	<5	NA	--	10	--	--	ND	ND	ND	54	79	180	--	--
Jan-93 (WC)	--	300	<200	300	3,000	<200	NA	--	<200	--	--	ND	ND	ND	1,000*	<200	<200	--	--
Apr-93	--	4,400	39	760	3,700	190	NA	--	14	--	--	ND	ND	ND	<5	110	450	--	--
Jul-93	--	2,400	19	400	3,300	<5	NA	--	11	--	--	ND	ND	ND	<25	130	310	--	--
Oct-93	--	2,100	3.7	270	1,700	6	NA	--	<1	--	--	ND	ND	ND	<5	71	80	--	--
Jan-94	--	280	<5	300	1,200	<5	NA	--	<5	--	--	ND	ND	ND	<25	86	92	--	--
Apr-94	--	280	<125	210	1,000	<125	NA	--	<125	--	--	ND	ND	ND	<625	87	63	--	--
Jul-94	--	280	<20	260	560	<20	NA	--	<20	--	--	ND	ND	ND	<100	84	37	--	--
Nov-94	--	430	<25	380	750	<25	NA	--	<25	--	--	ND	ND	ND	<125	130	60	--	--
Jan-95	--	370	<25	380	1,400	<25	NA	--	<25	--	--	ND	ND	ND	<125	130	88	--	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Feb-96 ²	<2.5	320	<2.5	49	120	<2.5	NA	<2.5	<2.5	15	<2.5	ND	ND	<12.5	60	19	<2.5	--
Jul-96	2.7	71	<1	54	75	<1	NA	3.4	<1	13	<1	ND	ND	<5	56	20	<1	--
Oct-96	<10	630	<10	56	120	49	NA	<10	<10	<10	<10	ND	ND	<50	84	23	<10	--
Feb-97	<2	270	<2	68	120	<1	NA	2.7	<2	17	<2	ND	ND	<10	74	24	<2	--
May-97	<1	110	<1	57	100	<1	NA	2.3	<1	13	<1	ND	ND	<5	63	19	<1	--
Nov-97	<1	330	<1	41	170	4.2	NA	<1	<1	17	<1	ND	ND	<5	81	24	1.1	--
May-98	<1	170	<0.5	42	130	1	NA	<0.5	<0.5	10	<0.5	ND	<0.5	<10	81	20	NA	<1
Nov-98	<1	26	<0.5	9.4	30	<1	NA	<0.5	<0.5	14	<0.5	<0.5	<20	<10	59	26	NA	<1
May-99	<1	5.9	<0.5	12	30	<1	NA	<0.5	<0.5	13	<0.5	<0.5	<0.5	<50	46	20	NA	<1
May-99 Dup	<1	5.7	<0.5	12	28	<1	NA	<0.5	<0.5	11	<0.5	<0.5	<0.5	<50	47	20	NA	<1
Nov-99	<1	5.6	<0.5	29	56	<0.5	NA	<0.5	<0.5	13	<0.5	<0.5	<0.5	<10	58	21	1.4	<0.5
May-00	<1	5.7	<0.5	34	62	<1	NA	<0.5	<0.5	10	<0.5	<0.5	<0.5	<20	45	16	NA	<1
Nov-00	<1	4	<0.5	21	64	<1	NA	<0.5	<0.5	8.4	<0.5	<0.5	<0.5	<20	42	11	NA	<1
May-01	<1	1.2	<0.5	23	41	<1	NA	<0.5	<0.5	6.6	<0.5	<0.5	<0.5	<20	58	11	NA	<1
Jun-02	<2	8.5	<2	22	76	<2	NA	<2	<2	6.9	<2	<2	<2	<10	100	31	<2	<2
Dec-02	<10	<10	<10	36	220	<10	NA	<10	<10	13	<10	<10	<10	<50	58	26	<10	<10
May-03	<25	<25	<25	96	1,100	<25	NA	<25	<25	<25	<25	<25	<25	<120	95	61	<25	<25
Nov-03	<25	<25	<25	210	2,000	<25	NA	<25	<25	<25	<25	<50	<50	<25	88	72	<50	<25
May-04	<25	<25	<25	290	1,800	<25	NA	<25	<25	<25	<25	<25	<25	<120	56	51	<25	<25
Nov-04	<1	<0.5	2	660	4,300	<0.5	NA	<0.5	6.1	33	2.4	<2	<0.5	<50	120	120	8.8	0.9
Jun-05	<1	<0.5	<0.5	180	1,400	<0.5	NA	<0.5	1.4	24	1	<2	<0.5	<50	87	48	2.5	<0.5
Nov-05	<1	0.8	<0.5	6.6	28	<1	NA	<0.5	<0.5	5.2	<0.5	<0.5	<0.5	<20	20	11	<0.5	<1
Dec-06	<1	<0.5	<0.5	15	130	<1	NA	<0.5	<0.5	5.9	<0.5	<0.5	<0.5	<20	27	15	NA	<1
Nov-07	<1	12	0.5	2.9	10	<1	NA	<0.5	<0.5	5.4	<0.5	<0.5	<0.5	<20	18	12	NA	<1
Nov-08	<1	4.9	<0.5	64	79	<0.5	NA	<0.5	0.7	6.6	0.7	<2	<0.5	<20	28	15	0.5	<0.5
Dec-09	<20	<10	<10	540	3,000	<10	NA	<10	<10	18	<10	<40	<10	<400	57	71	<10	<10
Jun-11	<4	<2	<2	56	210	<2	2.6	<2 L, C	<2	8.4	<2	<8	<2	<80	39	17	<2	<2
W8A																		
Jun-88	ND	30,000	<200	810	9,700	<200	NA	ND	<200	<200	<200	ND	ND	<200	210	<200	ND	
Jun-88 Dup	ND	43,000	<300	NA	14,000	<200	NA	ND	<300	<300	<300	ND	ND	<300	<300	<300	<300	ND
Oct-88	ND	17,000	<300	1100	7,600	<400	NA	ND	<300	NA	<300	ND	ND	<300	<1300	<400	ND	
Jun-89	ND	38,000	420	2200	1,700	<200	NA	ND	<200	NA	<200	ND	ND	<200	1,000	<200	ND	

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Oct-90	--	35,000	260	1,900	24,000	ND	NA	--	45	--	--	ND	ND	1,500	300	3,500	--	--
Jan-91	--	47,000	<250	1,300	15,000	<250	NA	--	<250	--	--	ND	ND	2,300	280	2,600	--	--
May-91	--	40,000	320	960	14,000	170	NA	--	140	--	--	ND	ND	<100	140	1,100	--	--
Aug-91	--	12,000	120	1,300	12,000	93	NA	--	<50	--	--	ND	ND	<50	150	1,900	--	--
Aug-91 Dup	--	14,000	170	1,400	10,000	77	NA	--	<100	--	--	ND	ND	<100	110	2,000	--	--
Nov-91	--	21,000	110	2,000	20,000	<1	NA	--	29	--	--	ND	ND	100	170	5,700	--	--
Nov-91 Dup	--	20,000	<250	4,700	18,000	<250	NA	--	<250	--	--	ND	ND	<250	<250	5,800	--	--
Jan-92	--	13,000	<100	2,200	8,100	<1	NA	--	<1	--	--	ND	ND	<1	190	8,200	--	--
Jun-92	--	20,100	<250	1,150	14,500	<250	NA	--	<1	--	--	ND	ND	<250	<250	7,250	--	--
Aug-92	--	12,100	186	1,550	9,550	460	NA	--	38	--	--	ND	ND	<1	110	4,200	--	--
Nov-92	--	17,000	<250	1,000	11,000	<250	NA	--	<250	--	--	ND	ND	<250	<250	3,000	--	--
Jan-93	--	7,900	210	1,800	15,000	460	NA	--	59	--	--	ND	ND	220	300	3,000	--	--
Jan-93 (WC)	--	7,700	<200	1,000	13,000	<200	NA	--	<200	--	--	ND	ND	2,000*	<200	2,300	--	--
Apr-93	--	41,000	560	1,900	21,000	1,000	NA	--	68	--	--	ND	ND	<5	220	2,100	--	--
Jul-93	--	32,000	280	1,300	7,700	780	NA	--	46	--	--	ND	ND	1,900	140	600	--	--
Oct-93	--	32,000	290	2,000	9,400	500	NA	--	45	--	--	ND	ND	2,900	81	550	--	--
Jan-94	--	6,200	46	570	3,400	210	NA	--	15	--	--	ND	ND	590	120	210	--	--
Apr-94	--	4,400	24	490	3,200	150	NA	--	<12.5	--	--	ND	ND	540	110	140	--	--
Jul-94	--	4,500	<20	300	1,600	<20	NA	--	<20	--	--	ND	ND	<100	95	44	--	--
Nov-94	--	4,000	<100	320	2,100	<100	NA	--	<100	--	--	ND	ND	<500	73	<100	--	--
Jan-95	--	4,000	<100	320	2,200	<100	NA	--	<100	--	--	ND	ND	<500	220	150	--	--
Jan-95 Dup	--	4,200	<100	320	2,100	<100	NA	--	<100	--	--	ND	ND	<500	220	130	--	--
Feb-96 ²	<10	1,700	<10	170	1,300	<10	NA	<10	<10	<10	<10	ND	ND	<50	110	66	<10	--
Jul-96	<50	2,700	<50	160	900	<50	NA	<50	<50	<50	<50	ND	ND	300*	89	<50	<50	--
Oct-96	<50	4,000	<50	170	1,500	<50	NA	<50	<50	<50	<50	ND	ND	<250	93	<50	<50	--
Feb-97	<10	3,000	16	77	680	<10	NA	<10	<10	10	<10	ND	ND	<50	74	26	<10	--
May-97	<1	1,600	14	84	600	9.6	NA	2.7	<1	14	<1	ND	ND	<5	72	25	<1	--
Nov-97	<1	840	24	146	840	21	NA	6	3.2	18	2.2	ND	ND	10	82	50	<1	--
May-98	<1	2,800	19	86	1,000	<1	NA	<0.5	<0.5	11	<0.5	ND	<0.5	<10	82	27	NA	<1
Nov-98	<10	72	16	68	700	<10	NA	<5	<5	15	<5	ND	<200	<100	61	46	NA	<10
May-99	<1	370	14	77	720	<1	NA	<0.5	1.7	15	0.6	<0.5	<0.5	<50	53	51	NA	<1
May-99 Dup	<1	380	13	71	780	<1	NA	<0.5	1.6	14	<0.5	<0.5	<0.5	<50	48	43	NA	<1

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Nov-99	<1	740	18	71	480	<0.5	NA	<0.5	1.5	14	<0.5	<0.5	<0.5	<10	64	33	0.7	<0.5
May-00	<1	1,600	16	71	490	4.6	NA	<0.5	1.1	13	<0.5	<0.5	<0.5	<20	47	21	NA	<1
May-00 Dup	<1	1,700	13	65	520	3.8	NA	<0.5	0.9	11	0.6	<0.5	<0.5	<20	49	21	NA	<1
Nov-00	<1	5,400	89	190	1,600	55	NA	<0.5	8.2	9.4	<0.5	<0.5	<0.5	<20	46	30	NA	<1
May-01	<25	3,500	50	70	1,000	<25	NA	<13	<13	<13	<13	<13	<13	<500	54	29	NA	<25
May-01 Dup	<25	3,700	48	72	1,000	14	NA	<13	<13	<13	<13	<13	<13	<500	54	27	NA	<25
Nov-01	<1	500	22	83	520	7.1	NA	<0.5	1.7	10	<0.5	0.5	<0.5	<50	40	280	<5	<0.5
Jun-02	<100	<100	<100	320	5,500	<100	NA	<100	<100	<100	<100	<100	<100	<500	<100	1,800	<100	<100
Dec-02	<10	110	<10	16	380	<10	NA	<10	<10	12	<10	<10	<10	<50	39	180	<10	<10
May-03	<10	100	<10	28	280	<10	NA	<10	<10	12	<10	<10	<10	<50	45	130	<10	<10
May-03 Dup	<10	100	<10	28	280	<10	NA	<10	<10	12	<10	<10	<10	<50	45	120	<10	<10
Nov-03	<2	6.1	2.7	17	71	<2	16	<2	<2	6	<2	<4	<4	<2	23	58	<4	<2
Nov-03 Dup	<1	5.9	2.9	17	67	<1	NA	<1	<1	6.2	<1	<2	<2	<1	22	56	<2	<1
May-04	<10	18	<10	31	130	<10	NA	<10	<10	<10	<10	<10	<10	<50	24	65	<10	<10
Nov-04	<1	23	2.1	22	140	0.5	NA	<0.5	<0.5	8.1	<0.5	<2	<0.5	<50	29	130	<0.5	<0.5
Jun-05	<1	150	67	27	420	14	NA	<0.5	2.3	2.4	<0.5	<2	<0.5	<50	5.4	32	<0.5	<0.5
Nov-05	<2	640	<1	16	840	12	1,000	<1	2.2	4	<1	<1	<1	<40	14	24	<1	<2
Nov-05 Dup	<10	680	76	26	890	16	1,400	<5	<5	5.7	<5	<5	<5	<200	22	37	<5	<10
Jun-06	<5	1,300	6.1	19	200	<2.5	250	<2.5	<2.5	4	<2.5	<10	<2.5	<250	19	10	<2.5	<2.5
Dec-06 +	<1	200	6.6	1.6	12	<1	20,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	0.9	0.8	NA	<1
Nov-07	<1	12,000	86	56	2,300	<50	660	<25	<25	<25	<25	<25	<25	<1,000	<25	86	NA	<50
Nov-08	<5	480	49	27	1,200	15	1,000	<2.5	3.3	6	<2.5	<10	<2.5	<100	22	51	<2.5	<2.5
Dec-09	<4	450	6.4	6.2	120	<2	11	<2	<2	4.7	<2	<8	<2	<80	12	51	<2	<2
Dec-10	<10	1,900	53	38	410	6.5	21	<5	<5	<5	<20	<5	<5	<200	18	47	<5	<5
Jun-11	<100	4,500	310	170	2,300	74	700	<50	<50	<50	<50	<200	<50	<2,000	<50	67	<50	<50
W9A																		
Jun-88	ND	5,000	<50	120	6,400	<50	NA	ND	<50	<50	<50	ND	ND	ND	66	1,100	<50	ND
Oct-88	ND	10,000	43	530	14,000	<40	NA	ND	<30	NA	<30	ND	ND	ND	140	2,000	<40	ND
Jun-89	ND	4,600	230	480	9,500	<100	NA	ND	<100	NA	<100	ND	ND	ND	240	3,000	<1000	ND
Oct-90	--	730	210	910	31,000	360	NA	--	150	--	--	ND	ND	ND	680	18,000	--	--
Jan-91	--	510	220	640	21,000	180	NA	--	96	--	--	ND	ND	<5	450	12,000	--	--
May-91	--	1,800	<50	300	10,000	<50	NA	--	<50	--	--	ND	ND	<50	75	2,900	--	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA ($\mu\text{g/l}$)	1,1,1- TCA ($\mu\text{g/l}$)	1,1,2- TCA ($\mu\text{g/l}$)	1,1- DCA ($\mu\text{g/l}$)	1,1-DCE ($\mu\text{g/l}$)	1,2-DCA ($\mu\text{g/l}$)	1,4- Dioxane ($\mu\text{g/l}$)	BFM ($\mu\text{g/l}$)	CFM ($\mu\text{g/l}$)	cis- 1,2-DCE ($\mu\text{g/l}$)	trans- 1,2- DCE ($\mu\text{g/l}$)	CMT ($\mu\text{g/l}$)	DFM ($\mu\text{g/l}$)	MC ($\mu\text{g/l}$)	PCE ($\mu\text{g/l}$)	TCE ($\mu\text{g/l}$)	TFM ($\mu\text{g/l}$)	VC ($\mu\text{g/l}$)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Aug-91	--	1,200	93	460	5,700	<50	NA	--	<50	--	--	ND	ND	<50	92	4,300	--	--
Nov-91	--	1,600	150	680	56,000	<1	NA	--	100	--	--	ND	ND	<1	660	13,000	--	--
Jan-92	--	1,700	330	700	52,000	220	NA	--	270	--	--	ND	ND	<1	870	14,000	--	--
Apr-92	--	150	16	46	760	3	NA	--	5	--	--	ND	ND	<1	16	460	--	--
Aug-92	--	500	105	450	10,900	112	NA	--	70	--	--	ND	ND	<1	270	3,300	--	--
Nov-92	--	1,000	240	860	42,000	260	NA	--	130	--	--	ND	ND	<1	730	12,000	--	--
Nov-92 Dup	--	540	<250	<250	37,000	<250	NA	--	<250	--	--	ND	ND	<250	270	10,000	--	--
Jan-93	--	160	9	52	600	12	NA	--	4	--	--	ND	ND	9	25	250	--	--
Jan-93 (WC)	--	100	<20	30	660	<20	NA	--	<20	--	--	ND	ND	100*	<20	220	--	--
Apr-93	--	310	33	83	1,400	<1	NA	--	<1	--	--	ND	ND	<5	30	670	--	--
Jul-93	--	550	98	230	850	43	NA	--	21	--	--	ND	ND	<12.5	76	1,300	--	--
Oct-93	--	9,000	240	920	5,100	190	NA	--	<10	--	--	ND	ND	240	160	3,900	--	--
Jan-94	--	5,400	87	370	5,200	210	NA	--	21	--	--	ND	ND	<62.5	140	2,900	--	--
Jan-94 Dup	--	5,400	83	380	5,600	230	NA	--	19	--	--	ND	ND	<62.5	130	2,000	--	--
Apr-94	--	1,900	38	470	6,300	75	NA	--	19	--	--	ND	ND	<62.5	140	2,700	--	--
Jul-94	--	5,300	41	290	1,700	<20	NA	--	<20	--	--	ND	ND	<100	86	220	--	--
Jul-94 Dup	--	4,800	45	320	1,900	<20	NA	--	<20	--	--	ND	ND	<100	93	250	--	--
Nov-94	--	5,200	<200	120	2,100	<200	NA	--	<200	--	--	ND	ND	<1,000	<200	84	--	--
Nov-94 Dup	--	3,500	<200	<200	1,800	<200	NA	--	<200	--	--	ND	ND	<1,000	<200	91	--	--
Jan-95	--	8,600	110	460	3,400	<100	NA	--	<100	--	--	ND	ND	<500	200	360	--	--
Jan-95 Dup	--	8,900	100	490	3,600	<100	NA	--	<100	--	--	ND	ND	<500	220	770	--	--
Feb-96 ²	<25	4,400	<25	300	3,800	<25	NA	<25	<25	<25	<25	ND	ND	<125	120	1,500	<25	--
Jul-96	<50	2,100	<50	98	1,000	<50	NA	<50	<50	<50	<50	ND	ND	<250	85	230	<50	--
Oct-96	<10	1,900	24	140	1,900	<10	NA	<10	<10	29	<10	ND	ND	<50	73	590	<10	--
Feb-97	<1	3,400	37	130	1,440	18	NA	5.7	5.6	23	<1	ND	ND	<5	79	360	<1	--
May-97	<1	1,600	30	76	900	10	NA	3.6	3.2	17	<1	ND	ND	<5	78	290	<1	--
Nov-97	<1	820	21	71	600	18	NA	3.8	3.3	17	1.5	ND	ND	8.7	57	230	<1	--
May-98	<1	3,900	45	110	700	24	NA	<0.5	<0.5	11	<0.5	ND	<0.5	<10	72	120	NA	<1
Nov-98	<10	1,700	28	160	1,800	<10	NA	<5	6.2	21	<5	<5	<200	<100	74	540	NA	<10
May-99	<5	900	14	98	1,300	<5	NA	<2.5	3.4	16	<2.5	<2.5	<2.5	<250	38	350	NA	<5
Nov-99	<1	910	17	86	1,000	5.2	NA	<0.5	3.2	12	<0.5	<0.5	<0.5	<10	37	370	<0.5	<0.5
May-00	<1	510	13	16	110	3.3	NA	<0.5	0.6	2.5	<0.5	<0.5	<0.5	<20	6.4	25	NA	<1

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Nov-00	<1	1,100	40	120	520	9.5	NA	<0.5	19	9.2	1	<0.5	<0.5	<20	42	170	NA	<1	
Nov-00 Dup	<1	1,500	45	130	700	11	NA	<0.5	21	10	1.1	<0.5	<0.5	<20	47	190	NA	<1	
May-01	<25	220	<13	120	1,300	<25	NA	<13	<13	<13	<13	<13	<13	<500	56	620	NA	<25	
Nov-01	<1	51	29	360	6,300	17	NA	<0.5	17	18	2.9	0.8	<0.5	<50	87	2,200	<5	1.2	
Jun-02	<100	<100	<100	320	5,400	<100	NA	<100	<100	<100	<100	<100	<100	<500	110	1,900	<100	<100	
Jun-02 Dup	<100	<100	<100	330	5,500	<100	NA	<100	<100	<100	<100	<100	<100	<500	110	1,900	<100	<100	
Dec-02	<100	<100	<100	330	5,600	<100	NA	<100	<100	<100	<100	<100	<100	<500	120	2,300	<100	<100	
Dec-02 Dup	<100	<100	<100	320	5,300	<100	NA	<100	<100	<100	<100	<100	<100	<500	120	2,300	<100	<100	
May-03	<10	14	<10	22	580	<10	NA	<10	<10	<10	<10	<10	<10	<50	16	160	<10	<10	
Nov-03	<25	<25	<25	32	960	<25	NA	<25	<25	<25	<25	<50	<50	<25	260	<50	<25	<25	
May-04	<200	<200	<200	250	7,800	<200	NA	<200	<200	<200	<200	<200	<200	<1,000	<200	3,500	<200	<200	
Nov-04	<10	<5	9.4	47	1,500	6.6	NA	<5	<5	<5	<5	<20	<5	<500	14	540	<5	<5	
Nov-04 Dup	<10	<5	8.6	48	1,600	6	NA	<5	<5	<5	<5	<20	<5	<500	16	570	<5	<5	
Jun-05	<1	<0.5	<0.5	<0.5	1	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<50	<0.5	0.8	<0.5	<0.5	
Nov-05	<1	<0.5	<0.5	1.2	30	<1	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	0.6	7.4	<0.5	<1
Jun-06	<1	2	0.8	9	150	<0.5	200	<0.5	<0.5	2.1	<0.5	<2	<0.5	<50	7	92	<0.5	<0.5	
Dec-06	<1	450	5.7	22	220	<1	NA	<0.5	<0.5	5.9	<0.5	<0.5	<0.5	<0.5	<20	23	19	NA	<1
Jun-07	<5	760	7.4	24	340	<5	310+	<2.5	<2.5	7.8	<2.5	<2.5	<2.5	<2.5	<100	35	28	NA	<5
Jun-07 Dup	<5	740	8	25	320	<5	NA	<2.5	<2.5	7.7	<2.5	<2.5	<2.5	<2.5	<100	33	27	NA	<5
Nov-07	<1	74	1.5	5.7	41	<1	NA	<0.5	<0.5	3.2	<0.5	<0.5	<0.5	<0.5	<20	9	10	NA	<1
May-08	<1	46	0.6	3.3	29	<1	22	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<20	2.5	4.9	<0.5	<1
Nov-08	<1	18	<0.5	2.7	29	<0.5	NA	<0.5	<0.5	0.8	<0.5	<2	<0.5	<20	2.4	7.4	<0.5	<0.5	
Jun-09	<1	11	<0.5	1.7	15	<0.5	<4	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1.2	3.5	<0.5	<0.5	
Dec-09	<50	<25	<25	68	2,600	<25	NA	<25	<25	<25	<25	<100	<25	<1,000	32	1,000	<25	<25	
Jun-10	<10	8.4	<5	20	710	<5	150	<5	<5	<5	<5	<20	<5	<200	16	340	<5	<5	
Dec-10	<20	<10	<10	87	2,900	<10	460	<10	<10	<10	<10	<40	<10	<400	59	1,100	<10	<10	
Jun-11	<1	19	1	1.2	14	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1.5	3.7	<0.5	<0.5	
W10A																			
Jun-88	ND	170	<5	66	1,200	<5	NA	ND	<5	60	<5	ND	ND	ND	110	380	<5	ND	
Oct-88	ND	860	3	180	4,800	<4	NA	ND	10	NA	<3	ND	ND	ND	150	1,300	11	ND	
Jun-89	ND	380	<5	61	1,100	<5	NA	ND	<5	NA	23	ND	ND	ND	140	600	<50	ND	
Oct-90	--	590	ND	240	6,300	ND	NA	--	ND	--	ND	ND	ND	ND	ND	3,700	--	--	

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA ($\mu\text{g/l}$)	1,1,1- TCA ($\mu\text{g/l}$)	1,1,2- TCA ($\mu\text{g/l}$)	1,1- DCA ($\mu\text{g/l}$)	1,1-DCE ($\mu\text{g/l}$)	1,2-DCA ($\mu\text{g/l}$)	1,4- Dioxane ($\mu\text{g/l}$)	BFM ($\mu\text{g/l}$)	CFM ($\mu\text{g/l}$)	cis- 1,2-DCE ($\mu\text{g/l}$)	trans- 1,2- DCE ($\mu\text{g/l}$)	CMT ($\mu\text{g/l}$)	DFM ($\mu\text{g/l}$)	MC ($\mu\text{g/l}$)	PCE ($\mu\text{g/l}$)	TCE ($\mu\text{g/l}$)	TFM ($\mu\text{g/l}$)	VC ($\mu\text{g/l}$)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Jan-91	--	370	<5	160	3,000	<5	NA	--	20	--	--	ND	ND	<5	230	2,200	--	--
May-91	--	370	<50	150	2,400	<50	NA	--	<50	--	--	ND	ND	<50	240	970	--	--
Aug-91	--	390	9.3	360	4,800	<5	NA	--	13	--	--	ND	ND	<5	230	2,900	--	--
Nov-91	--	400	4	510	7,000	<1	NA	--	<1	--	--	ND	ND	<1	110	3,600	--	--
Jan-92	--	670	5	230	4,800	<1	NA	--	<1	--	--	ND	ND	<1	220	3,400	--	--
Jun-92	--	983	<250	119	1,230	<250	NA	--	<250	--	--	ND	ND	<250	<250	3,900	--	--
Aug-92	--	1,300	10	139	2,100	<1	NA	--	10	--	--	ND	ND	<1	130	2,100	--	--
Aug-92 Dup	--	1,200	11	130	1,900	<1	NA	--	9	--	--	ND	ND	<1	85	1,900	--	--
Nov-92	--	1,300	<1	68	1,000	<1	NA	--	<1	--	--	ND	ND	<1	110	1,300	--	--
Jan-93	--	900	<5	71	1,100	<5	NA	--	<5	--	--	ND	ND	<25	85	1,300	--	--
Jan-93 Dup	--	830	<50	69	970	<50	NA	--	<50	--	--	ND	ND	<250	68	1,200	--	--
Jan-93 (WC)	--	610	<20	40	590	<20	NA	--	<20	--	--	ND	ND	100*	40	770	--	--
Apr-93	--	560	5	110	1,600	<1	NA	--	7	--	--	ND	ND	<5	81	1,600	--	--
Jul-93	--	350	<5	16	380	<5	NA	--	<5	--	--	ND	ND	<25	18	320	--	--
Oct-93	--	2,200	3.6	46	850	8.3	NA	--	<1	--	--	ND	ND	<5	86	1,400	--	--
Jan-94	--	690	11	68	780	<5	NA	--	<5	--	--	ND	ND	<25	290	740	--	--
Apr-94	--	240	4.8	100	1,100	<5	NA	--	<5	--	--	ND	ND	<25	96	260	--	--
Jul-94	--	290	<20	62	310	<20	NA	--	<20	--	--	ND	ND	<100	97	270	--	--
Nov-94	--	510	<20	30	310	<20	NA	--	<20	--	--	ND	ND	<100	64	390	--	--
Jan-95	--	1,600	<25	48	840	<25	NA	--	<25	--	--	ND	ND	<125	83	1,100	--	--
Feb-96 ²	<25	2,400	<25	64	430	<25	NA	<25	<25	<25	<25	ND	ND	<125	110	260	<25	--
Jul-96	<50	2,000	<50	<50	320	<50	NA	<50	<50	<50	<50	ND	ND	<250	100	380	<50	--
Oct-96	<10	1,500	<10	42	350	<10	NA	<10	<10	20	<10	ND	ND	<50	97	210	<10	--
Feb-97	<1	1,600	2.6	49	390	5	NA	1	<1	19	<1	ND	ND	<5	83	430	<1	--
May-97	<1	880	1.5	51	340	3.3	NA	<1	<1	15	<1	ND	ND	<5	75	330	<1	--
Nov-97	<1	120	<1	18	67	<0.5	NA	<1	<1	16	<1	ND	ND	<5	73	54	<1	--
May-98	<1	190	<0.5	28	150	<1	NA	<0.5	<0.5	7.6	<0.5	ND	<0.5	<10	50	200	NA	<1
Nov-98	<1	130	1.4	26	110	<1	NA	<0.5	<0.5	14	0.6	<0.5	<20	<10	64	79	NA	<1
May-99	<1	44	0.8	22	90	<1	NA	<0.5	<0.5	13	0.5	<0.5	<0.5	<50	50	60	NA	<1
Nov-99	<1	120	0.6	16	64	<0.5	NA	<0.5	<0.5	12	<0.5	<0.5	<0.5	<10	48	170	0.6	<0.5
May-00	<1	100	0.7	23	60	<1	NA	<0.5	<0.5	13	0.6	<0.5	<0.5	<20	49	260	NA	<1
Nov-00	<1	16	<0.5	8.3	26	0.8	NA	<0.5	<0.5	11	0.8	<0.5	<0.5	<20	54	55	NA	<1

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
May-01	<1	2.1	<0.5	1.1	4.6	<1	NA	<0.5	<0.5	8.8	<0.5	<0.5	<0.5	<20	43	22	NA	<1
Nov-01	<1	17	0.6	10	77	<0.5	NA	<0.5	<0.5	11	<0.5	<0.5	<0.5	<50	33	100	<5	<0.5
Jun-02	<5	32	<5	8	65	<5	NA	<5	<5	13	<5	<5	<5	<25	46	200	<5	<5
Dec-02	<5	10	<5	<5	68	<5	NA	<5	<5	12	<5	<5	<5	<25	45	130	<5	<5
May-03	<5	<5	<5	<5	71	<5	NA	<5	<5	11	<5	<5	<5	<25	52	95	<5	<5
Nov-03	<1	<1	<1	3.3	50	<1	NA	<1	<1	7.5	<1	<2	<2	<1	32	62	<2	<1
May-04	<5	<5	<5	<5	53	<5	NA	<5	<5	9.8	<5	<5	<5	<25	37	77	<5	<5
May-04 Dup	<5	<5	<5	<5	47	<5	NA	<5	<5	11	<5	<5	<5	<25	36	72	<5	<5
Nov-04	<1	<0.5	<0.5	2.7	44	<0.5	NA	<0.5	<0.5	7.2	<0.5	<2	<0.5	<50	35	63	<0.5	<0.5
Jun-05	<1	8	2.3	4.3	54	<0.5	NA	<0.5	<0.5	3.6	<0.5	<2	<0.5	<50	12	87	<0.5	<0.5
Nov-05	<1	7.4	2.3	2.6	34	<0.5	NA	<0.5	<0.5	1.6	<0.5	<2	<0.5	<50	8.1	61	<0.5	<0.5
Dec-06	<1	70	1.1	1.7	9.3	<1	NA	<0.5	<0.5	6.3	<0.5	<0.5	<0.5	<20	31	160	NA	<1
Nov-07	<1	7.5	1.6	1.2	3.9	<1	NA	<0.5	<0.5	3.6	<0.5	<0.5	<0.5	<20	12	39	NA	<1
Nov-07 Dup	<1	7.5	1.6	1.2	3.8	<1	NA	<0.5	<0.5	3.7	<0.5	<0.5	<0.5	<20	12	39	NA	<1
Nov-08	<1	1.4	0.6	2.6	28	<0.5	NA	<0.5	<0.5	5.4	<0.5	<2	<0.5	<20	16	37	<0.5	<0.5
Dec-09	<1	<0.5	<0.5	1.9	18	<0.5	NA	<0.5	<0.5	5.6	<0.5	<2	<0.5	<20	14	26	<0.5	<0.5
Dec-10	<1	<0.5	<0.5	1.2	11	<0.5	NA	<0.5	<0.5	5.6	<0.5	<2	<0.5	<20	19	20	<0.5	<0.5
Jun-11	<1	1.6	<0.5	1.3	12	<0.5	5.1	<0.5	<0.5	5.7	<0.5	<2	<0.5	<20	26	29	<0.5	<0.5
W11B																		
Jun-88	ND	<1	<1	<1	27	<1	NA	ND	<1	<1	<1	ND	ND	ND	<1	22	<1	ND
Oct-88	ND	47	<0.3	6.5	160	<0.4	NA	ND	<0.3	NA	<0.3	ND	ND	ND	3	180	<0.4	ND
Jun-89	ND	46	<2	11	96	<2	NA	ND	<2	NA	<2	ND	ND	ND	4	190	<2	ND
Oct-90	--	14	ND	7	57	ND	NA	--	ND	--	--	ND	ND	ND	2	180	--	--
Jan-91	--	<5	<5	<5	6	<5	NA	--	<5	--	--	ND	ND	<5	<5	10	--	--
May-91	--	100	<1	8.1	140	<1	NA	--	<1	--	--	ND	ND	<1	5.3	64	--	--
Aug-91	--	29	<5	3.8	42	<5	NA	--	<5	--	--	ND	ND	<5	4.1	30	--	--
Aug-91 Dup	--	31	<1	3.3	48	<1	NA	--	<1	--	--	ND	ND	<1	4.2	30	--	--
Nov-91	--	2.6	<1	1	97	<1	NA	--	<1	--	--	ND	ND	<1	4.7	65	--	--
Jan-92	--	10	<1	2	67	<1	NA	--	<1	--	--	ND	ND	<1	5	48	--	--
May-92	--	37	<1	3	48	<1	NA	--	<1	--	--	ND	ND	<1	3	41	--	--
Aug-92	--	<1	<1	2	33	<1	NA	--	<1	--	--	ND	ND	<1	1	19	--	--
Aug-92 Dup	--	<1	<1	<1	3	43	<1	NA	--	<1	--	ND	ND	<1	7	36	--	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Aug-92 Dup	--	<1	<1	3	46	<1	NA	--	<1	--	--	ND	ND	<1	7	33	--	--
Nov-92	--	<1	<1	2	56	<1	NA	--	<1	--	--	ND	ND	<1	8	55	--	--
Jan-93	--	<1	<1	5	91	<1	NA	--	<1	--	--	ND	ND	<5	16	66	--	--
Jan-93 (WC)	--	0.9	<0.3	4.4	72	<0.4	NA	--	0.5	--	--	ND	ND	3*	13	67	--	--
Apr-93	--	5	<1	1	70	<1	NA	--	<1	--	--	ND	ND	23	13	60	--	--
Jul-93	--	4.8	<1	5.1	63	<1	NA	--	<1	--	--	ND	ND	<5	12	80	--	--
Oct-93	--	<1	<1	2.2	44	<1	NA	--	<1	--	--	ND	ND	<5	10	49	--	--
Jan-94	--	1.4	<1	2.6	68	<1	NA	--	<1	--	--	ND	ND	<5	11	54	--	--
Apr-94	--	<1	<1	1.7	56	<1	NA	--	<1	--	--	ND	ND	<5	10	43	--	--
Jul-94	--	<1	<1	1	29	<1	NA	--	<1	--	--	ND	ND	<5	7.6	31	--	--
Nov-94	--	1.4	<1	2	43	<1	NA	--	<1	--	--	ND	ND	<5	8.6	37	--	--
Jan-95	--	2	<1	2	37	<1	NA	--	<1	--	--	ND	ND	<5	10	49	--	--
Apr-95	<1	<1	<1	<1	38	<1	NA	<1	<1	<1	<1	ND	ND	<5	10	37	<1	--
Jul-95	<1	11	<1	2	61	<1	NA	<1	<1	<1	<1	ND	ND	<5	5.2	45	2.1	--
Oct-95	<1	<1	<1	1.8	23	<1	NA	<1	<1	1.6	<1	ND	ND	<5	18	43	<1	--
Jan-96	<1	<1	<1	<1	28	<1	NA	<1	<1	<1	<1	ND	ND	<5	14	38	4.5	--
Jan-96 Dup	<1	<1	<1	<1	30	<1	NA	<1	<1	<1	<1	ND	ND	<5	14	40	4.5	--
Apr-96	<1	<1	<1	<1	31	<1	NA	<1	<1	<1	<1	ND	ND	<5	12	33	5.7	--
Jul-96	<1	<1	<1	1.1	28	<1	NA	<1	<1	<1	<1	ND	ND	<5	13	36	1.4	--
Oct-96	<1	<1	<1	1.6	33	<1	NA	<1	<1	<1	<1	ND	ND	<5	14	43	5.5	--
Feb-97	<1	<1	<1	<1	26	<0.5	NA	<1	<1	<1	<1	ND	ND	<5	15	39	2	--
May-97	<1	<1	<1	<1	38	<1	NA	<1	<1	<1	<1	ND	ND	<5	16	51	2.6	--
Nov-97	<1	<1	<1	2.4	41	<0.5	NA	<1	<1	2.2	<1	ND	ND	<5	23	47	5.2	--
May-98	<1	<0.5	<0.5	1.7	41	<1	NA	<0.5	<0.5	1.8	<0.5	ND	<0.5	<10	20	57	NA	<1
Nov-98	<1	5.8	<0.5	7.9	61	<1	NA	<0.5	<0.5	1.7	<0.5	<0.5	<20	<10	10	62	NA	<1
May-99	<1	5.4	<0.5	9.3	83	<1	NA	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<50	9.3	62	NA	<1
Nov-99	<1	2.5	<0.5	6	50	<0.5	NA	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<10	10	74	<0.5	<0.5
Nov-99 Dup	<1	2.4	<0.5	5.8	50	<0.5	NA	<0.5	<0.5	1	<0.5	<0.5	<0.5	<10	9.8	73	<0.5	<0.5
May-00	<1	3.6	<0.5	11	110	<1	NA	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<20	10	73	NA	<1
Nov-00	<1	4.2	<0.5	12	110	<1	NA	<0.5	<0.5	2.3	0.5	<0.5	<0.5	<20	14	100	NA	<1
May-01	<1	<0.5	<0.5	1.9	23	<1	NA	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<20	11	37	NA	<1
Nov-01	<1	1	<0.5	6.7	65	<0.5	NA	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<50	9.1	69	<5	<0.5

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Jun-02	<1	<1	<1	6.8	63	<1	NA	<1	<1	1.6	<1	<1	<1	<5	11	51	<1	<1	
Dec-02	<2	<2	<2	6.3	66	<2	NA	<2	<2	<2	<2	<2	<2	<10	12	55	<2	<2	
Dec-02 Dup	<1	<1	<1	6.4	70	<1	NA	<1	<1	1.6	<1	<1	<1	<5	12	57	<1	<1	
May-03	<2	<2	<2	5.8	50	<2	NA	<2	<2	<2	<2	<2	<2	<10	10	40	<2	<2	
Nov-03	<1	<1	<1	2.9	43	<1	NA	<1	<1	1.8	<1	<2	<2	<1	14	43	<1	<1	
Nov-03 Dup	<1	<1	<1	3	42	<1	NA	<1	<1	1.7	<1	<2	<2	<1	14	42	<1	<1	
May-04	<2	<2	<2	4.6	44	<2	NA	<2	<2	2.1	<2	<2	<2	<10	12	38	<2	<2	
Nov-04	<1	<0.5	<0.5	5	51	<0.5	NA	<0.5	<0.5	1.5	<0.5	<2	<0.5	<50	11	40	1.2	<0.5	
Jun-05	<1	<0.5	<0.5	3.6	37	<0.5	NA	<0.5	<0.5	1.1	<0.5	<2	<0.5	<50	6.5	25	<0.5	<0.5	
Nov-05	<1	<0.5	<0.5	6.2	70	<0.5	NA	<0.5	<0.5	2	<0.5	<2	<0.5	<50	11	54	1.8	<0.5	
Jun-06	<1	<0.5	<0.5	4.3	50	<0.5	8	<0.5	<0.5	1.5	<0.5	<2	<0.5	<50	8.6	36	1	<0.5	
Dec-06	<1	<0.5	<0.5	4.7	51	<1	NA	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<20	9.5	36	NA	<1	
Dec-06 Dup	<1	<0.5	<0.5	5.1	56	<1	NA	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<20	10	38	NA	<1	
Nov-07	<1	<0.5	<0.5	5.8	59	<1	NA	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<20	10	40	NA	<1	
Nov-08	<1	<0.5	<0.5	5.5	50	<0.5	NA	<0.5	<0.5	2.1	<0.5	<2	<0.5	<20	9.5	34	0.74	<0.5	
Nov-08 Dup	<1	<0.5	<0.5	5.5	49	<0.5	NA	<0.5	<0.5	2.1	<0.5	<2	<0.5	<20	9.3	33	0.72	<0.5	
Dec-09	<1	<0.5	<0.5	5.7	93	<0.5	NA	<0.5	<0.5	4.6	<0.5	<2	<0.5	<20	18	61	2.5	<0.5	
Dec-10	<1	<0.5	<0.5	5.2	87	<0.5	7.7	<0.5	<0.5	5.6	<0.5	<2	<0.5	<20	24	75	2.8	<0.5	
Jun-11	<1	<0.5	<0.5	4.4	60	<0.5	6.4	<0.5	<0.5	4	<0.5	<2	<0.5	<20	23	53	2.5	<0.5	
W12A																			
Oct-88	ND	950	<20	220	4,600	<20	NA	ND	<20	30	<20	ND	ND	ND	38	800	<20	ND	
Nov-88	ND	1,200	<30	210	4,100	<40	NA	ND	<30	NA	<30	ND	ND	ND	82	650	<40	ND	
Jun-89	ND	460	36	180	1,100	<5	NA	ND	6.8	NA	16	ND	ND	ND	51	640	<10	ND	
Jun-89 Dup	ND	450	40	NA	1,100	<10	NA	ND	<10	NA	17	ND	ND	ND	60	600	<10	ND	
Apr-93	--	110	7	190	1,400	11	NA	--	9	--	--	ND	ND	ND	<5	94	760	--	--
Jul-93	--	300	7	280	2,300	<5	NA	--	<5	--	--	ND	ND	ND	<25	100	1,300	--	--
Jul-93 Dup	--	240	6	210	1,900	<5	NA	--	<5	--	--	ND	ND	ND	<25	94	990	--	--
Oct-93	--	240	12	250	1,500	5.7	NA	--	4.4	--	--	ND	ND	ND	<5	94	770	--	--
Jan-94	--	140	<5	190	1,500	<5	NA	--	<5	--	--	ND	ND	ND	<25	74	670	--	--
Apr-94	--	280	<2	54	930	<2	NA	--	<2	--	--	ND	ND	ND	<10	58	480	--	--
Jul-94	--	360	<10	62	660	<10	NA	--	<10	--	--	ND	ND	ND	<50	74	430	--	--
Nov-94	--	560	<5	84	820	<5	NA	--	<5	--	--	ND	ND	ND	<25	81	420	--	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Nov-94 Dup	--	520	<5	73	770	<5	NA	--	<5	--	--	ND	ND	<25	82	400	--	--	
Jan-95	--	440	5	40	500	3	NA	--	<1	--	--	ND	ND	3	96	420	--	--	
Apr-95	<25	840	<25	82	820	<25	NA	<25	<25	27	<25	ND	ND	<125	86	650	<25	--	
Jul-95	<1	1,300	3.5	81	820	1.2	NA	<1	<1	33	<1	ND	ND	<5	100	1,100	<1	--	
Oct-95	<10	1,100	<10	120	600	<10	NA	<10	<10	57	<10	ND	ND	<50	160	960	<10	--	
Jan-96	<5	970	<5	92	390	7	NA	<5	<5	26	<5	ND	ND	5.8	99	680	<5	--	
Apr-96	<5	710	<5	41	320	<5	NA	<5	<5	14	<5	ND	ND	<25	54	330	<5	--	
Jul-96	<1	830	7.5	59	360	5.8	NA	<1	1	19	<1	ND	ND	7.9*	72	390	<1	--	
Oct-96	<10	1,400	<10	70	730	<10	NA	<10	<10	19	<10	ND	ND	<50	77	480	<10	--	
Feb-97	<1	1,000	6.5	61	460	3.5	NA	1.3	<1	20	<1	ND	ND	<5	75	430	<1	--	
May-97	<1	380	5.8	60	250	3	NA	<1	<1	17	<1	ND	ND	<5	74	220	<1	--	
Nov-97	<10	530	<10	65	440	<10	NA	<10	<10	15	<10	ND	ND	<50	89	310	<10	--	
May-98	<1	760	4.2	44	440	<1	NA	<0.5	<0.5	15	<0.5	ND	ND	<0.5	<10	75	610	NA	<1
May-98 Dup	<1	740	4.6	44	440	<1	NA	<0.5	<0.5	15	<0.5	ND	ND	<0.5	<10	72	590	NA	<1
Nov-98	<10	620	<5	54	370	<10	NA	<5	<5	18	<5	<5	<200	<100	74	420	NA	<10	
May-99	<5	260	2.6	37	230	<5	NA	<2.5	<2.5	17	<2.5	<2.5	<2.5	<2.5	<250	60	280	NA	<5
Nov-99	<1	140	1.7	25	170	<0.5	NA	<0.5	<0.5	14	<0.5	<0.5	<0.5	<0.5	<10	53	200	<0.5	<0.5
May-00	<1	150	3.8	36	300	1.4	NA	<0.5	0.6	14	0.7	<0.5	<0.5	<0.5	<20	40	250	NA	<1
May-01	<1	58	1	16	95	<1	NA	<0.5	<0.5	10	<0.5	<0.5	<0.5	<0.5	<20	40	150	NA	<1
May-01 Dup	<1	58	1	16	87	<1	NA	<0.5	<0.5	10	0.5	<0.5	<0.5	<0.5	<20	39	140	NA	<1
Nov-01	<1	50	1.6	21	79	<0.5	NA	<0.5	<0.5	9.6	0.7	<0.5	<0.5	<50	31	140	<0.5	<0.5	
Jun-02	<20	25	<20	100	1,100	<20	NA	<20	<20	21	<20	<20	<20	<20	<100	39	290	<20	<20
Dec-02	<20	29	<20	79	170	<20	NA	<20	<20	26	<20	<20	<20	<20	<100	42	300	<20	<20
Nov-05	<1	11	6.5	62	420	2.3	280	<0.5	1.5	21	<0.5	<0.5	<0.5	<0.5	<20	51	290	<0.5	<1
Jun-06	<5	4.9	4.3	55	380	<2.5	230	<2.5	<2.5	16	<2.5	<10	<2.5	<250	34	210	<2.5	<2.5	
Dec-06	<1	3.6	0.9	23	160	<1	20	<0.5	0.6	10	<0.5	<0.5	<0.5	<0.5	<20	27	140	NA	<1
Jun-07	<1	2.5	<0.5	13	130	<1	8.5	<0.5	1	8	<0.5	<0.5	<0.5	<0.5	<20	22	96	NA	<1
Nov-07	<1	2.3	2.6	42	300	1	150	<0.5	1	9.2	<0.5	<0.5	<0.5	<0.5	<20	25	190	NA	<1
May-08	<1	2.4	6	71	720	3.4	270	<0.5	1.6	11	0.5	<0.5	<0.5	<0.5	<20	18	240	<0.5	<1

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
W13A																		
Oct-88	ND	660	<10	77	1,400	<10	NA	ND	<10	<10	ND	ND	ND	<10	330	<10	ND	
Nov-88	ND	1,100	<30	85	1,100	<40	NA	ND	430	NA	<30	ND	ND	46	460	<40	ND	
Jun-89	ND	1,900	<20	91	1,100	<20	NA	ND	<20	NA	<20	ND	ND	<20	1,200	<20	ND	
Oct-90	--	170	2	27	320	ND	NA	--	ND	--	--	ND	ND	11	170	--	--	
Jan-91	--	480	<5	40	1,500	<5	NA	--	<5	--	--	ND	ND	<5	30	670	--	--
Jan-91 Dup	--	460	<5	60	1,300	<5	NA	--	<5	--	--	ND	ND	<5	30	640	--	--
May-91	--	310	<5	43	870	<5	NA	--	<5	--	--	ND	ND	<5	19	390	--	--
Aug-91	--	270	<5	44	860	<5	NA	--	<5	--	--	ND	ND	<5	22	220	--	--
Nov-91	--	220	<1	63	1,400	<1	NA	--	<1	--	--	ND	ND	<1	32	260	--	--
Jan-92	--	280	5	54	1,300	21	NA	--	<1	--	--	ND	ND	<1	34	430	--	--
Apr-92	--	180	3	42	1,000	9	NA	--	2	--	--	ND	ND	<1	26	240	--	--
Aug-92	--	206	3	57	920	7	NA	--	3	--	--	ND	ND	<1	33	329	--	--
Nov-92	--	160	2	35	590	<1	NA	--	2	--	--	ND	ND	<1	24	180	--	--
Jan-93	--	170	<20	50	1,200	<20	NA	--	<20	--	--	ND	ND	<100	29	320	--	--
Apr-93	--	100	<1	27	390	<1	NA	--	<1	--	--	ND	ND	<5	14	150	--	--
Jul-93	--	130	1.9	34	470	8.3	NA	--	1.8	--	--	ND	ND	<5	16	140	--	--
Oct-93	--	120	<1	45	670	<1	NA	--	<1	--	--	ND	ND	<5	18	220	--	--
Jan-94	--	370	4	55	810	<2	NA	--	2.3	--	--	ND	ND	<10	27	680	--	--
Apr-94	--	510	6.7	87	2,000	18	NA	--	<25	--	--	ND	ND	<125	31	560	--	--
Jul-94	--	740	<20	58	670	<20	NA	--	<20	--	--	ND	ND	<100	24	460	--	--
Jul-94 Dup	--	710	<20	55	650	<20	NA	--	<20	--	--	ND	ND	<100	21	390	--	--
Nov-94	--	850	<25	50	850	<25	NA	--	<25	--	--	ND	ND	<125	7.7	350	--	--
Jan-95	--	610	<25	68	480	<25	NA	--	<25	--	--	ND	ND	<125	48	310	--	--
Apr-95	<20	540	<20	30	990	<20	NA	<20	<20	<20	<20	ND	ND	<100	<20	160	<20	--
Jul-95	<1	330	2.5	23	580	1	NA	<1	<1	2.4	<1	ND	ND	<5	10	86	<1	--
Oct-95	<1	150	2.3	18	390	<1	NA	<1	<1	2.8	<1	ND	ND	<5	9	68	<1	--
Jan-96	<1	90	1.1	16	170	<1	NA	<1	<1	2.2	<1	ND	ND	<5	11	<1	<1	--
Apr-96	<5	79	<5	<5	320	<5	NA	<5	<5	<5	<5	ND	ND	<25	8.9	52	<5	--
Jul-96	<1	62	1.2	12	190	<1	NA	<1	<1	2.3	<1	ND	ND	<5	10.4	49	<1	--
Jul-96 Dup	<1	62	1.3	12	180	<1	NA	<1	<1	2.3	<1	ND	ND	<5	10.1	48	<1	--
Oct-96	<2	45	<2	8.3	230	<2	NA	<2	<2	2.5	<2	ND	ND	<10	7.2	40	<2	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Feb-97	<1	42	<1	7.4	180	<0.5	NA	<1	<1	2.1	<1	ND	ND	<5	10	45	<1	--
May-97	<1	30	<1	5.7	98	<1	NA	<1	<1	1.6	<1	ND	ND	<5	9.1	37	<1	--
May-97 Dup	<1	33	<1	6.1	92	<1	NA	<1	<1	1.7	<1	ND	ND	<5	9.5	41	<1	--
Nov-97	<1	28	<1	7.6	130	<0.5	NA	<1	<1	3.5	<1	ND	ND	<5	16	37	<1	--
Nov-98	<1	16	0.7	6.2	130	<1	NA	<0.5	<0.5	2.2	<0.5	1.4	<20	<10	7.5	38	NA	<1
Nov-99	<1	9.8	0.6	5.8	110	<0.5	NA	<0.5	<0.5	2.8	<0.5	<0.5	<0.5	<10	8	38	<0.5	<0.5
Nov-00	<5	4.3	<2.5	4.6	73	<5	NA	<2.5	<2.5	3.2	<2.5	<2.5	<2.5	<100	8.2	40	NA	<5
Nov-01	<1	26	1.5	9.1	65	<0.5	NA	<0.5	<0.5	4.4	<0.5	<0.5	<0.5	<50	13	61	<0.5	<0.5
Dec-02	<2	20	<2	7.7	59	<2	NA	<2	<2	7.2	<2	<2	<2	<10	23	75	<2	<2
Nov-03	<2	5	<2	7.4	96	<2	29	<2	<2	2.5	<2	<4	<4	<2	8.3	40	<4	<2
Nov-04	<1	1.8	0.8	6.4	76	<0.5	NA	<0.5	<0.5	1.7	<0.5	<2	<0.5	<50	6	31	<0.5	<0.5
Nov-05	<1	<0.5	<0.5	5.7	150	<0.5	16	<0.5	<0.5	1.2	<0.5	<2	<0.5	<50	3.7	36	<0.5	<0.5
Dec-06	<1	7.9	1.3	4.2	39	<1	35	<0.5	<0.5	3	<0.5	<0.5	<0.5	<20	9.6	36	NA	<1
Nov-07	<1	35	1.1	8.3	84	<1	64	<0.5	<0.5	2.2	<0.5	<0.5	<0.5	<20	8.1	35	NA	<1
Nov-08	<1	2.9	<0.5	1.5	29	<0.5	9.7	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1.6	7.5	<0.5	<0.5
Dec-09	<1	<0.5	<0.5	1.2	27	<0.5	6.6	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1.4	14	<0.5	<0.5
Dec-10	<1	<0.5	<0.5	<0.5	7.9	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1.2	2.9	<0.5	<0.5
Jun-11	<1	<0.5	<0.5	0.69	8.5	<0.5	4.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1	2.9	<0.5	<0.5
W14B																		
Sep-88	ND	430	<5	81	820	<5	NA	ND	<5	20	<5	ND	ND	ND	47	140	<5	ND
Nov-88	ND	1,300	<30	180	4,300	<40	NA	ND	<30	NA	<30	ND	ND	ND	80	170	<40	ND
Jun-89	ND	680	18	110	980	<5	NA	ND	<5	NA	10	ND	ND	ND	50	240	<50	ND
Oct-90	--	110	8	61	1,400	7	NA	--	ND	--	--	ND	ND	ND	25	130	--	--
Jan-91	--	70	<5	30	1,000	<5	NA	--	<5	--	--	ND	ND	<5	50	300	--	--
May-91	--	140	<5	55	1,800	<5	NA	--	<5	--	--	ND	ND	<5	55	150	--	--
Aug-91	--	160	9.3	89	2,000	<5	NA	--	<5	--	--	ND	ND	<5	65	200	--	--
Nov-91	--	170	3	91	1,700	<1	NA	--	<1	--	--	ND	ND	<1	73	210	--	--
Jan-92	--	68	4	36	1,300	5	NA	--	<1	--	--	ND	ND	<1	43	250	--	--
Apr-92	--	32	2	26	490	4	NA	--	1	--	--	ND	ND	<1	41	100	--	--
Aug-92	--	31	1	29	320	4	NA	--	1	--	--	ND	ND	<1	40	76	--	--
Aug-92 Dup	--	27	<1	24	310	1	NA	--	<1	--	--	ND	ND	<1	35	82	--	--
Nov-92	--	30	1	25	380	4	NA	--	1	--	--	ND	ND	<1	36	78	--	--

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Jan-93	--	31	<1	23	500	<1	NA	--	<1	--	--	ND	ND	<5	110	130	--	--
Apr-93	--	10	<1	10	170	2	NA	--	<1	--	--	ND	ND	<5	62	88	--	--
Apr-93 Dup	--	9	<1	4	160	<1	NA	--	<1	--	--	ND	ND	<5	63	85	--	--
Jul-93	--	7.5	<1	8.3	86	2.2	NA	--	<1	--	--	ND	ND	<5	59	71	--	--
Oct-93	--	11	<1	13	130	<1	NA	--	<1	--	--	ND	ND	<5	56	60	--	--
Jan-94	--	35	<5	4	200	<5	NA	--	<5	--	--	ND	ND	<25	62	75	--	--
Apr-94	--	36	<5	32	780	<5	NA	--	<5	--	--	ND	ND	<25	55	67	--	--
Jul-94	--	35	<5	22	200	<5	NA	--	<5	--	--	ND	ND	<25	77	66	--	--
Nov-94	--	34	<10	25	400	<10	NA	--	<10	--	--	ND	ND	<50	83	79	--	--
Jan-95	--	35	<5	30	380	<5	NA	--	<5	--	--	ND	ND	<25	82	86	--	--
Jul-95	<1	65	<1	22	220	<1	NA	<1	<1	19	<1	ND	ND	<5	82	67	2.8	--
Oct-95	<1	140	<1	25	320	<1	NA	<1	<1	19	<1	ND	ND	<5	77	70	6.6	--
Jan-96	1.3	<1	<1	<1	52	<1	NA	<1	<1	3.8	<1	ND	ND	<5	13	14	<1	--
Apr-96	<5	52	<5	16	250	<5	NA	<5	<5	17	<5	ND	ND	<25	81	64	<5	--
Jul-96	<1	24	<1	18	180	<1	NA	<1	<1	17	<1	ND	ND	<5	57	64	2	--
Oct-96	<2	12	<2	14	250	<2	NA	<2	<2	13	<2	ND	ND	<10	42	58	<2	--
Feb-97	<1	25	<1	16	240	<0.5	NA	<1	<1	16	<1	ND	ND	<5	56	65	1.2	--
May-97	<1	22	<1	15	200	<1	NA	<1	<1	15	<1	ND	ND	<5	54	70	<1	--
Nov-97	<1	18	1.8	20	260	<0.5	NA	<1	<1	18	<1	ND	ND	<5	60	64	1.9	--
May-98	<1	25	0.8	15	270	<1	NA	<0.5	<0.5	12	<0.5	ND	<0.5	<10	60	66	NA	<1
Nov-98	<1	15	1	12	170	<1	NA	<0.5	<0.5	11	<0.5	1.5	<20	<10	41	48	NA	<1
Nov-98 Dup	<10	18	<5	16	230	<10	NA	<5	<5	15	<5	<5	<200	<100	52	61	NA	<10
May-99	<1	11	0.9	14	200	<1	NA	<0.5	<0.5	12	<0.5	<0.5	<0.5	<50	33	45	NA	<1
Nov-99	<1	2	0.8	11	170	<0.5	NA	<0.5	<0.5	14	<0.5	<0.5	<0.5	<10	36	59	1.2	<0.5
May-00	<1	1.4	0.7	12	170	<1	NA	<0.5	<0.5	11	<0.5	<0.5	<0.5	<20	37	49	NA	<1
Nov-00	<5	<2.5	<2.5	11	140	<5	NA	<2.5	<2.5	9	<2.5	<2.5	<2.5	<100	27	39	NA	<5
May-01	<1	1	1.1	14	150	0.6	NA	<0.5	<0.5	8.8	<0.5	<0.5	<0.5	<20	27	40	NA	<1
Nov-01	<5	<2.5	<2.5	16	220	<2.5	NA	<2.5	<2.5	9.3	<2.5	<2.5	<2.5	<250	35	45	<2.5	<2.5
Jun-02	<10	18	<10	20	300	<10	NA	<10	<10	10	<10	<10	<10	<50	49	47	<10	<10
Dec-02	<10	<10	<10	28	500	<10	NA	<10	<10	11	<10	<10	<10	<50	41	70	<10	<10
May-03	<20	<20	<20	51	860	<20	NA	<20	<20	<20	<20	<20	<20	<100	39	100	<20	<20
Nov-03	<12	<12	<12	57	890	<12	58	<12	<12	<12	<12	<12	<25	<12	39	95	<25	<12

TABLE 2**HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS**

WELL NUMBER/ DATES	1,1,2,2- PCA ($\mu\text{g/l}$)	1,1,1- TCA ($\mu\text{g/l}$)	1,1,2- TCA ($\mu\text{g/l}$)	1,1- DCA ($\mu\text{g/l}$)	1,1-DCE ($\mu\text{g/l}$)	1,2-DCA ($\mu\text{g/l}$)	1,4- Dioxane ($\mu\text{g/l}$)	BFM ($\mu\text{g/l}$)	CFM ($\mu\text{g/l}$)	cis- 1,2-DCE ($\mu\text{g/l}$)	trans- 1,2- DCE ($\mu\text{g/l}$)	CMT ($\mu\text{g/l}$)	DFM ($\mu\text{g/l}$)	MC ($\mu\text{g/l}$)	PCE ($\mu\text{g/l}$)	TCE ($\mu\text{g/l}$)	TFM ($\mu\text{g/l}$)	VC ($\mu\text{g/l}$)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
May-04	<20	<20	<20	49	740	<20	NA	<20	<20	<20	<20	<20	<20	48	84	<20	<20	
Nov-04	<10	<5	<5	40	600	<5	NA	<5	<5	7	<5	<20	<5	<500	46	75	<5	<5
Jun-05	<1	1	1.6	19	290	0.8	NA	<0.5	<0.5	8.2	<0.5	<2	<0.5	<50	34	42	2.3	<0.5
Nov-05	<1	<0.5	1.2	12	230	0.5	22	<0.5	<0.5	8.7	<0.5	<2	<0.5	<50	33	40	2.1	<0.5
Jun-06	<1	<0.5	<0.5	1	20	<0.5	2.5	<0.5	<0.5	0.8	<0.5	<2	<0.5	<50	3.3	5.2	<0.5	<0.5
Jun-06 Dup	<1	<0.5	<0.5	1	21	<0.5	2.1	<0.5	<0.5	0.8	<0.5	<2	<0.5	<50	3.4	5.2	<0.5	<0.5
Dec-06	<1	<0.5	<0.5	<0.5	4.7	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.1	1.5	NA	<1
Jun-07	<1	<0.5	<0.5	<0.5	7.4	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.6	2.1	NA	<1
Nov-07	<1	<0.5	<0.5	2.6	47	<1	9.2	<0.5	<0.5	2.2	<0.5	<0.5	<0.5	<20	7.8	10	NA	<1
May-08	<1	1	0.6	5.3	95	<1	21	<0.5	<0.5	3.1	<0.5	<0.5	<0.5	<20	10	20	<0.5	<1
Nov-08	<1	2.2	0.6	6.7	80	<0.5	16	<0.5	0.5	5.3	0.6	<2	<0.5	<20	17	26	0.8	<0.5
Jun-09	<1	<0.5	<0.5	5.9	24	<0.5	55	<0.5	<0.5	4.3	0.57	<2	<0.5	<20	13	18	0.82	<0.5
Dec-09	<1	0.95	0.82	11	110	<0.5	37	<0.5	0.82	5.8	<0.5	<2	<0.5	<20	19	24	1.1	<0.5
Jun-10	<1	<0.5	<0.5	3.6	<0.5	<0.5	23	<0.5	<0.5	2	<0.5	<2	<0.5	<20	10	11	0.56	<0.5
Jun-10 Dup	<1	0.73	<0.5	5.6	<0.5	<0.5	NA	<0.5	<0.5	2.8	<0.5	<2	<0.5	<20	9.3	11	0.55	<0.5
Dec-10	<1	0.58	<0.5	7.4	3.2	<0.5	21	<0.5	<0.5	4	0.51	<2	<0.5	<20	20	25	1.2	<0.5
Dec-10 Dup	<1	0.55	<0.5	7.2	12	<0.5	NA	<0.5	<0.5	4	0.52	<2	<0.5	<20	19	24	1.2	<0.5
Jun-11	<1	<0.5	<0.5	4	43	<0.5	10	<0.5	<0.5	4.2	<0.5	<2	<0.5	<20	24	24	1.3	<0.5
Jun-11 Dup	<1	<0.5	<0.5	4.3	45	<0.5	10	<0.5	<0.5	4.6	<0.5	<2	<0.5	<20	24	24	1.4	<0.5
W15A																		
Sep-88	ND	17	<2	5	250	2	NA	ND	<2	8	<2	ND	ND	ND	19	67	<2	ND
Nov-88	ND	<30	<30	<40	1,000	<40	NA	ND	420	NA	<30	ND	ND	ND	<50	45	<40	ND
Jun-89	ND	9.3	<5	6.7	200	<5	NA	ND	<5	NA	<5	ND	ND	ND	19	63	<5	ND
Oct-90	--	5	ND	ND	9	ND	NA	--	ND	--	--	ND	ND	ND	1	14	--	--
Jan-91	--	10	<5	<5	15	<5	NA	--	<5	--	--	ND	ND	<5	<5	10	--	--
May-91	--	4.8	<1	<1	23	<1	NA	--	<1	--	--	ND	ND	<1	1.4	5.2	--	--
Aug-91	--	6.4	<1	<1	14	<1	NA	--	<1	--	--	ND	ND	<1	1.6	12	--	--
Jan-92	--	11	<1	<1	14	<1	NA	--	<1	--	--	ND	ND	<1	1.6	10	--	--
Apr-92	--	7	<1	<1	25	<1	NA	--	<1	--	--	ND	ND	<1	2	9	--	--
Aug-92	--	11	<1	<1	11	<1	NA	--	<1	--	--	ND	ND	<1	1	3	--	--
Nov-92	--	7	<1	<1	9	<1	NA	--	<1	--	--	ND	ND	<1	<1	2	--	--
Jan-93	--	25	<1	<1	57	<1	NA	--	<1	--	--	ND	ND	<5	2	4	--	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Apr-93	--	11	<1	<1	25	<1	NA	--	<1	--	--	ND	ND	<5	<1	2	--	--	
Jul-93	--	15	<1	<1	33	<1	NA	--	<1	--	--	ND	ND	<5	2	4	--	--	
Oct-93	--	6.3	<1	<1	18	<1	NA	--	<1	--	--	ND	ND	<5	<1	3.1	--	--	
Jan-94	--	2.5	<1	<1	7.9	<1	NA	--	<1	--	--	ND	ND	<5	<1	4.6	--	--	
Apr-94	--	1.6	<1	<1	6.2	<1	NA	--	<1	--	--	ND	ND	<5	2.4	6.8	--	--	
Apr-94 Dup	--	1.4	<1	<1	7	<1	NA	--	<1	--	--	ND	ND	<5	2.3	7.1	--	--	
Jul-94	--	1.3	<1	<1	7.5	<1	NA	--	<1	--	--	ND	ND	<5	1.5	6.6	--	--	
Nov-94	--	<1	<1	<1	15	<1	NA	--	<1	--	--	ND	ND	<5	1.2	9	--	--	
Jan-95	--	3	<1	<1	9	<1	NA	--	<1	--	--	ND	ND	<5	2	11	--	--	
Apr-95	<1	3.9	<1	<1	26	<1	NA	<1	<1	<1	<1	ND	ND	<5	1.3	5.8	<1	--	
Jul-95	<1	<1	<1	<1	15	<1	NA	<1	<1	<1	<1	ND	ND	<5	1.5	12	<1	--	
Oct-95	<1	<1	<1	<1	14	<1	NA	<1	<1	<1	<1	ND	ND	<5	2.7	15	<1	--	
Jan-96	<1	7.2	<1	<1	20	<1	NA	<1	<1	<1	<1	ND	ND	<5	1.2	<1	<1	--	
Apr-96	<1	5.1	<1	<1	17	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--	
Jul-96	<1	3	<1	<1	9	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--	
Oct-96	<1	4.2	<1	<1	15	<1	NA	<1	<1	<1	<1	ND	ND	<5	1.3	<1	<1	--	
Feb-97	<1	3.2	<1	<1	8.2	<0.5	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--	
May-97	<1	1.1	<1	<1	6.2	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--	
Nov-97	<1	2.3	<1	<1	8.7	<0.5	NA	<1	<1	<1	<1	ND	ND	<5	1.1	<1	<1	--	
Nov-98	<1	0.5	<0.5	<0.5	1.7	<1	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	<10	<0.5	<0.5	NA	<1
Nov-99	<1	<0.5	<0.5	<0.5	1.1	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5
Nov-99 Dup	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5
Nov-00	<1	<0.5	<0.5	2.1	110	<1	NA	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<20	3.7	29	NA	<1
Nov-01	<1	<0.5	<0.5	2.9	110	<0.5	NA	<0.5	<0.5	4.2	<0.5	<0.5	<0.5	<0.5	<50	6.7	40	<0.5	<0.5
Dec-02	<5	<5	<5	<5	240	<5	NA	<5	<5	7.9	<5	<5	<5	<5	<25	14	75	<5	<5
Nov-03	<1	<1	<1	1.5	36	<1	NA	<1	<1	2.2	<1	<2	<2	<1	3.8	21	<2	<1	--
Nov-04	<1	<0.5	<0.5	1.1	24	<0.5	NA	<0.5	<0.5	1.7	<0.5	<2	<0.5	<50	3.3	18	<0.5	<0.5	--
Nov-05	<1	<0.5	<0.5	<0.5	7.6	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<50	0.8	2.2	<0.5	<0.5	--
Jun-06	<1	<0.5	<0.5	<0.5	18	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<50	1.3	2.1	<0.5	<0.5	--
Dec-06	<1	<0.5	<0.5	<0.5	6.6	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.1	1.7	NA	<1
Jun-07	<1	<0.5	<0.5	<0.5	5.9	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	0.8	2	NA	<1
Jun-07 Dup	<1	<0.5	<0.5	<0.5	5.2	<1	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	0.8	1.8	NA	<1

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA ($\mu\text{g/l}$)	1,1,1- TCA ($\mu\text{g/l}$)	1,1,2- TCA ($\mu\text{g/l}$)	1,1- DCA ($\mu\text{g/l}$)	1,1-DCE ($\mu\text{g/l}$)	1,2-DCA ($\mu\text{g/l}$)	1,4- Dioxane ($\mu\text{g/l}$)	BFM ($\mu\text{g/l}$)	CFM ($\mu\text{g/l}$)	cis- 1,2-DCE ($\mu\text{g/l}$)	trans- 1,2- DCE ($\mu\text{g/l}$)	CMT ($\mu\text{g/l}$)	DFM ($\mu\text{g/l}$)	MC ($\mu\text{g/l}$)	PCE ($\mu\text{g/l}$)	TCE ($\mu\text{g/l}$)	TFM ($\mu\text{g/l}$)	VC ($\mu\text{g/l}$)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Nov-07	<1	<0.5	<0.5	1.8	43	<1	3.7	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<20	1.6	12	NA	<1
May-08	<1	<0.5	<0.5	<0.5	7.8	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	<0.5	1.8	<0.5	<1
May-08 Dup	<1	<0.5	<0.5	<0.5	7.9	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	<0.5	1.7	<0.5	<1
Nov-08	<1	<0.5	<0.5	0.6	17	<0.5	<2	<0.5	<0.5	0.6	<0.5	<2	<0.5	<20	1.1	5.2	<0.5	<0.5
Jun-09	<1	<0.5	<0.5	1	34	<0.5	8.7	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	0.89	6.7	<0.5	<0.5
Jun-09 Dup	<1	<0.5	<0.5	0.98	30	<0.5	10	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	0.88	6.4	<0.5	<0.5
Dec-09	<1	<0.5	<0.5	1.4	41	<0.5	2.7	<0.5	<0.5	0.95	<0.5	<2	<0.5	<20	1.5	16	<0.5	<0.5
Jun-11	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1	3.6	<0.5	<0.5
W16A																		
Sep-88	ND	9	<1	<1	14	<1	NA	ND	<1	<1	<1	ND	ND	ND	<1	<1	<1	ND
Nov-88	ND	49	<30	<40	460	<40	NA	ND	280	NA	<30	ND	ND	ND	<50	<30	<40	ND
Jun-89	ND	3.6	<0.20	<0.20	51	<0.20	NA	ND	0.1	NA	<0.20	ND	ND	ND	<0.20	4.1	<0.20	ND
Aug-92	--	1	<1	1	64	<1	NA	--	<1	--	--	ND	ND	<1	<1	3	--	--
Nov-92	--	<1	<1	<1	43	<1	NA	--	<1	--	--	ND	ND	<1	<1	2	--	--
Jan-93	--	1	<1	<1	35	<1	NA	--	<1	--	--	ND	ND	<5	<1	<1	--	--
Apr-93	--	2	<1	<1	58	<1	NA	--	<1	--	--	ND	ND	<5	1	4	--	--
Jul-93	--	<1	<1	<1	140	<1	NA	--	<1	--	--	ND	ND	<5	2	9	--	--
Oct-93	--	1.7	<1	<1	69	<1	NA	--	<1	--	--	ND	ND	<5	1.6	2.3	--	--
Jan-94	--	0.8	<1	<1	46	<1	NA	--	<1	--	--	ND	ND	<5	1.1	1.7	--	--
Jan-94 Dup	--	1.2	<1	<1	53	<1	NA	--	<1	--	--	ND	ND	<5	1	1.6	--	--
Apr-94	--	1	<1	<1	45	<1	NA	--	<1	--	--	ND	ND	<5	2.4	1.2	--	--
Jul-94	--	<1	<1	<1	43	<1	NA	--	<1	--	--	ND	ND	<5	1.6	1.3	--	--
Nov-94	--	<1	<1	<1	38	<1	NA	--	<1	--	--	ND	ND	<5	<1	1	--	--
Jan-95	--	<1	<1	<1	39	<1	NA	--	<1	--	--	ND	ND	<5	2	2	--	--
Apr-95	<1	<1	<1	<1	48	<1	NA	<1	<1	<1	<1	ND	ND	<5	1.1	1.3	<1	--
Jul-95	<1	<1	<1	<1	37	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--
Oct-95	<1	<1	<1	<1	44	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	1.7	<1	--
Jan-96	<1	1.1	<1	1.3	58	<1	NA	<1	<1	<1	<1	ND	ND	<5	2.3	6	<1	--
Apr-96	<1	<1	<1	<1	11	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--
Jul-96	<1	<1	<1	<1	19	<1	NA	<1	<1	<1	<1	ND	ND	<5	1.1	<1	<1	--
Oct-96	<1	<1	<1	<1	40	<1	<1	NA	<1	<1	<1	ND	ND	<5	1.6	1.8	<1	--
Feb-97	<1	<1	<1	<1	<1	<0.5	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--

TABLE 2**HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS**

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
May-97	<1	<1	<1	<1	16	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--	
Nov-97	<1	<1	<1	<1	34	<0.5	NA	<1	<1	<1	<1	ND	ND	<5	2.8	4.3	<1	--	
Nov-98	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	<0.5	<0.5	0.6	<20	<10	0.5	<0.5	NA	<1	
Nov-99	<1	<0.5	<0.5	<0.5	31	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	1.2	4.6	<0.5	<0.5
Nov-00	<1	<0.5	<0.5	<0.5	36	<1	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.6	4.3	NA	<1	
Nov-01	<1	<0.5	<0.5	<0.5	28	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	1.2	2.9	<0.5	<0.5	
Nov-01 Dup	<1	<0.5	<0.5	<0.5	21	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	1.2	2.6	<0.5	<0.5	
Dec-02	<2.5	<2.5	<2.5	4.7	140	<2.5	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<12	5.2	19	<2.5	<2.5	
Nov-03	<10	<10	<10	33	630	<10	NA	<10	<10	<10	<10	<20	<20	<10	28	110	<20	<10	
Nov-05	<1	<0.5	0.7	14	260	<0.5	11	<0.5	0.7	2.2	<0.5	<2	<0.5	<50	8.6	53	0.7	<0.5	
Dec-06	<1	<0.5	<0.5	<0.5	21	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.2	2.3	NA	<1	
Jun-07	<1	<0.5	<0.5	<0.5	14	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.2	1.6	NA	<1	
Nov-07	<1	<0.5	<0.5	<0.5	13	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	0.8	1.7	NA	<1	
May-08	<1	<0.5	<0.5	<0.5	1.8	<1	<2	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<20	<0.5	<0.5	<0.5	<1	
Nov-08	<1	<0.5	<0.5	<0.5	12	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	<0.5	0.95	<0.5	<0.5	
Jun-09	<5	<2.5	<2.5	21	390	<2.5	47	<2.5	<2.5	<2.5	<2.5	<10	<2.5	<100	7.8	57	<2.5	<2.5	
W17B																			
Mar-91	ND	15	<5	<5	65	<5	NA	ND	<5	<5	<5	ND	ND	ND	<5	260	<50	ND	
Apr-91	ND	<20	<20	<20	130	<20	NA	ND	<20	<20	<20	ND	ND	ND	<20	540	<200	ND	
May-91	--	4	<5	<5	530	<5	NA	--	6.1	--	--	ND	ND	<5	6	950	--	--	
Aug-91	--	19	2.2	65	420	4.5	NA	--	3.4	--	--	ND	ND	<5	15	2,200	--	--	
Aug-91 Dup	--	26	1.4	56	660	<1	NA	--	4.7	--	--	ND	ND	<1	23	1,800	--	--	
Nov-91	--	31	<1	49	650	<1	NA	--	<1	--	--	ND	ND	<1	16	1,400	--	--	
Jan-92	--	21	4	38	730	2	NA	--	<1	--	--	ND	ND	<1	21	1,700	--	--	
Apr-92	--	23	4	42	800	4	NA	--	4	--	--	ND	ND	<1	20	1,500	--	--	
Aug-92	--	14	5	43	613	4	NA	--	4	--	--	ND	ND	<1	22	1,870	--	--	
Nov-92	--	13	6	41	420	4	NA	--	3	--	--	ND	ND	<1	40	1,300	--	--	
Jan-93	--	<5	<5	19	510	<5	NA	--	<5	--	--	ND	ND	<25	9	1,900	--	--	
Apr-93	--	7	<1	32	250	<1	NA	--	<1	--	--	ND	ND	<5	18	930	--	--	
Jul-93	--	7	5.9	39	620	<5	NA	--	5.9	--	--	ND	ND	<5	26	2,500	--	--	
Oct-93	--	<5	<5	31	500	<5	NA	--	<5	--	--	ND	ND	<25	16	2,400	--	--	
Jan-94	--	4.8	2.5	31	920	2.2	NA	--	3.2	--	--	ND	ND	<10	12	2,500	--	--	

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Apr-94	--	11	<25	66	1,800	<25	NA	--	<25	--	--	ND	ND	<125	32	2,100	--	--
Jul-94	--	12	<20	49	720	<20	NA	--	<20	--	--	ND	ND	<100	24	1,300	--	--
Nov-94	--	<50	<50	23	1,100	<50	NA	--	<50	--	--	ND	ND	<250	7.5	1,700	--	--
Apr-95	<25	<25	<25	79	2,300	<25	NA	<25	<25	<25	<25	ND	ND	<125	29	2,100	<25	--
Jul-95	<1	8.7	2	66	1,000	1.8	NA	<1	2.3	21	<1	ND	ND	<5	39	2,000	<1	--
Oct-95	<50	<50	<50	<50	1,000	<50	NA	<50	<50	<50	<50	ND	ND	<250	<50	1,900	<50	--
Jan-96	<5	7	<5	82	5.5	<5	NA	<5	<5	18	<5	ND	ND	<25	44	1,300	530	--
Apr-96	<5	<5	<5	40	470	<5	NA	<5	<5	11	<5	ND	ND	<25	25	860	<5	--
Jul-96	<1	13	3.8	73	800	2.6	NA	<1	3.8	23	1.4	ND	ND	8.7*	50	1,200	<1	--
Oct-96	<10	<10	<10	80	1,100	<10	NA	<10	<10	22	<10	ND	ND	<50	43	1,400	<10	--
Feb-97	<1	14	3.7	83	930	2.6	NA	<1	3.6	28	<1	ND	ND	<5	52	1,700	<1	--
May-97	<1	14	3.1	96	800	1.7	NA	<1	2.8	28	<1	ND	ND	<5	58	1,100	<1	--
Nov-97	<1	17	6.1	84	880	3.9	NA	1.2	4.8	32	3	ND	ND	7.3	71	1,000	<1	--
Nov-98	<10	12	4.3	110	1,100	<10	NA	<5	<5	35	<5	<5	<200	<100	71	1,700	NA	<10
May-99	<5	14	4.4	120	1,400	<5	NA	<2.5	3.9	37	<2.5	<2.5	<2.5	<250	64	1,500	NA	<5
Nov-99	<1	7.3	4.2	120	1,500	2.5	NA	<0.5	3.3	39	1.6	<0.5	<0.5	<10	71	1,500	1.4	<0.5
May-00	<1	5.9	4.3	110	1,300	2.4	NA	<0.5	3.1	36	1.9	<0.5	<0.5	<20	64	1,200	NA	<1
Nov-00	<5	5	<2.5	120	880	<5	NA	<2.5	2.8	37	<2.5	<2.5	<2.5	<100	69	900	NA	<5
Nov-00 Dup	<20	<10	<10	110	1,300	<20	NA	<10	<10	40	<10	<10	<10	<400	68	1,100	NA	<20
May-01	<20	27	<10	120	1,200	<20	NA	<10	<10	43	<10	<10	<10	<400	76	1,100	NA	<20
Nov-01	<1	2.3	3.5	86	550	1.7	NA	<0.5	2.3	35	1.5	<0.5	<0.5	<50	56	690	0.7	<0.5
Jun-02	<25	<25	<25	80	960	<25	NA	<25	<25	34	<25	<25	<25	<120	61	1,100	<25	<25
Dec-02	<25	<25	<25	62	1,000	<25	NA	<25	<25	35	<25	<25	<25	<120	68	1,400	<25	<25
May-03	<25	<25	<25	71	900	<25	NA	<25	<25	31	<25	<25	<25	<120	66	1,300	<25	<25
Nov-03	<25	<25	<25	85	1,200	<25	160	<25	<25	27	<25	<50	<25	<25	70	1,400	<50	<25
May-04	<25	<25	<25	65	920	<25	NA	<25	<25	30	<25	<25	<25	<120	58	1,300	<25	<25
Nov-04	<10	<5	<5	70	860	<5	NA	<5	<5	20	<5	<20	<5	<500	63	1,100	<5	<5
Jun-05	<10	<5	<5	82	1,300	<5	NA	<5	5.3	25	<5	<20	<5	<500	48	1,400	<5	<5
Nov-05	<10	<5	<5	100	1,500	<10	250	<5	<5	35	<5	<5	<5	<200	74	1,700	<5	<10
Jun-06	<10	<5	<5	120	1,700	<5	240	<5	<5	38	<5	<20	<5	<500	70	2,200	<5	<5
Dec-06	<10	<5	<5	100	1,500	<10	270	<5	<5	38	<5	<5	<5	<200	82	1,700	NA	<10
Jun-07	<10	<5	<5	88	1,300	<10	230	<5	<5	34	<5	<5	<5	<200	80	1,500	NA	<10

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Jun-07 Dup	<10	<5	<5	86	1,300	<10	NA	<5	<5	33	<5	<5	<5	<200	78	1,400	NA	<10
Nov-07	<10	6.7	<5	54	560	<10	140	<5	<5	22	<5	<5	<5	<200	54	690	NA	<10
May-08	<1	1.3	2.7	60	810	1.9	150	<0.5	1.5	22	1	<0.5	<0.5	<20	42	730	<0.5	<1
May-08 Dup	<1	1.1	2.5	56	760	1.8	140	<0.5	1.5	21	0.9	<0.5	<0.5	<20	42	710	<0.5	<1
Nov-08	<10	<5	<5	57	610	<5	120	<5	<5	22	<5	<20	<5	<200	42	480	<5	<5
Jun-09	<5	<2.5	<2.5	39	440	<2.5	140	<2.5	<2.5	15	<2.5	<10	<2.5	<100	29	370	<2.5	<2.5
Dec-09	<5	<2.5	<2.5	50	510	<2.5	140	<2.5	<2.5	18	<2.5	<10	<2.5	<100	37	300	<2.5	<2.5
Jun-10	<5	2.8	<2.5	36	260	<2.5	110	<2.5	<2.5	15	<2.5	<10	<2.5	<100	27	170	<2.5	<2.5
Dec-10	<2	1.7	1	32	300	<1	88	<1	<1	17	<1	<4	<1	<40	44	220	<1	<1
Jun-11	<5	<2.5	<2.5	35	410	<2.5	100	<2.5	<2.5	17	<2.5	<10	<2.5	<100	50	310	<2.5	<2.5
W18B																		
Mar-91	ND	24	<1	5.1	38	1	NA	ND	<1	5	<1	ND	ND	ND	42	26	<10	ND
Apr-91	ND	6.1	<1	1	10	1	NA	ND	<1	6.4	<1	ND	ND	ND	45	28	<10	ND
May-91	--	1.8	<1	<1	5.1	<1	NA	--	<1	--	--	ND	ND	<1	63	33	--	--
Aug-91	--	<1	<1	<1	1.9	<1	NA	--	<1	--	--	ND	ND	<1	44	33	--	--
Nov-91	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	57	52	--	--
Jan-92	--	<1	<1	<1	4	<1	NA	--	<1	--	--	ND	ND	<1	90	50	--	--
May-92	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	73	43	--	--
Aug-92	--	<1	<1	<1	3	<1	NA	--	<1	--	--	ND	ND	<1	48	38	--	--
Aug-92 Dup	--	<1	<1	<1	2	<1	NA	--	<1	--	--	ND	ND	<1	48	31	--	--
Nov-92	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	78	55	--	--
Jan-93	--	<1	<1	<1	2	<1	NA	--	<1	--	--	ND	ND	<5	71	51	--	--
Jan-93 (WC)	--	<0.3	<0.3	<0.4	1	0.7	NA	--	0.3	--	--	ND	ND	1*	50	35	--	--
Apr-93	--	<1	<1	<1	8	<1	NA	--	<1	--	--	ND	ND	<5	67	41	--	--
Jul-93	--	<1	<1	<1	2	<1	NA	--	<1	--	--	ND	ND	<5	94	50	--	--
Oct-93	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	84	40	--	--
Jan-94	--	<1	<1	<1	3	<1	NA	--	<1	--	--	ND	ND	<5	77	41	--	--
Apr-94	--	<2	<2	<2	2.9	<2	NA	--	<2	--	--	ND	ND	<10	88	39	--	--
Jul-94	--	<2	<2	<2	<2	<2	NA	--	<2	--	--	ND	ND	<10	48	19	--	--
Nov-94	--	<1	<1	<1	1.7	<1	NA	--	<1	--	--	ND	ND	<5	62	29	--	--
Jan-95	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	2	78	37	--	--
Apr-95	<1	3	<1	<1	7.7	<1	NA	<1	<1	16	<1	ND	ND	<1	83	33	6.6	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA ($\mu\text{g/l}$)	1,1,1- TCA ($\mu\text{g/l}$)	1,1,2- TCA ($\mu\text{g/l}$)	1,1- DCA ($\mu\text{g/l}$)	1,1-DCE ($\mu\text{g/l}$)	1,2-DCA ($\mu\text{g/l}$)	1,4- Dioxane ($\mu\text{g/l}$)	BFM ($\mu\text{g/l}$)	CFM ($\mu\text{g/l}$)	cis- 1,2-DCE ($\mu\text{g/l}$)	trans- 1,2- DCE ($\mu\text{g/l}$)	CMT ($\mu\text{g/l}$)	DFM ($\mu\text{g/l}$)	MC ($\mu\text{g/l}$)	PCE ($\mu\text{g/l}$)	TCE ($\mu\text{g/l}$)	TFM ($\mu\text{g/l}$)	VC ($\mu\text{g/l}$)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Jul-95	<1	<1	<1	<1	<1	<1	NA	<1	<1	7.4	<1	ND	ND	<5	57	23	2.4	--
Oct-95	<1	<1	<1	<1	<1	<1	NA	<1	<1	16	<1	ND	ND	<5	58	25	2.2	--
Jan-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	10	<1	ND	ND	<5	49	20	3.3	--
Apr-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	6.6	<1	ND	ND	<5	40	15	3.8	--
Jul-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	7.9	<1	ND	ND	<5	42	19	1.1	--
Oct-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	8.2	<1	ND	ND	<5	47	19	<1	--
Feb-97	<1	<1	<1	<1	<1	<0.5	NA	<1	<1	6.7	<1	ND	ND	<5	38	17	1.2	--
May-97	<1	<1	<1	<1	<1	<1	NA	<1	<1	7.1	<1	ND	ND	<5	43	17	1.3	--
Nov-97	<1	<1	<1	<1	2	<0.5	NA	<1	<1	7.6	<1	ND	ND	<5	42	18	3.6	--
May-98	<1	0.7	<0.5	<0.5	1.3	<1	NA	<0.5	<0.5	4.4	<0.5	ND	0.6	<10	28	12	NA	<1
Nov-98	<1	<0.5	<0.5	<0.5	0.8	<1	NA	<0.5	<0.5	3.7	<0.5	<0.5	<20	<10	23	9.8	NA	<1
Nov-98 Dup	<1	<0.5	<0.5	<0.5	0.9	<1	NA	<0.5	<0.5	3.8	<0.5	<0.5	<20	<10	24	9.9	NA	<1
May-99	<1	<0.5	<0.5	<0.5	1	<1	NA	<0.5	<0.5	3.4	<0.5	<0.5	1.4	<50	16	7.6	NA	<1
Nov-99	<1	<0.5	<0.5	<0.5	0.8	<0.5	NA	<0.5	<0.5	3	<0.5	<0.5	1.2	<10	14	7	<0.5	<0.5
May-00	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	2.5	<0.5	<0.5	1.2	<20	11	5.6	NA	<1
Nov-00	<1	1.5	<0.5	<0.5	1.8	<1	NA	<0.5	<0.5	3.7	<0.5	<0.5	1.9	<20	19	8.8	NA	<1
May-01	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	2.6	<0.5	<0.5	1.5	<20	15	6.2	NA	<1
Nov-01	<1	<0.5	<0.5	<0.5	0.7	<0.5	NA	<0.5	<0.5	2.7	<0.5	<0.5	1.2	<50	15	9.2	<0.5	<0.5
Dec-02	<1	<1	<1	<1	1.1	<1	NA	<1	<1	2.9	<1	<1	<1	<5	19	7.2	1.5	<1
Nov-03	<1	<1	<1	<1	<1	<1	NA	<1	<1	2.9	<1	<2	<1	<1	17	7.4	<1	<1
Nov-04	<1	<0.5	<0.5	0.7	1	<0.5	NA	<0.5	<0.5	6.4	<0.5	<2	<0.5	<50	41	20	4.2	<0.5
Nov-05	<1	<0.5	<0.5	<0.5	1	<0.5	NA	<0.5	<0.5	4.7	<0.5	<2	<0.5	<50	20	12	4	<0.5
Dec-06	<1	<0.5	<0.5	<0.5	0.5	<1	NA	<0.5	<0.5	3.1	<0.5	<0.5	<0.5	<20	11	6.4	NA	<1
Nov-07	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	2.5	<0.5	<0.5	<0.5	<20	9	5.3	NA	<1
Nov-08	<1	<0.5	<0.5	<0.5	1.1	<0.5	NA	<0.5	<0.5	5.2	<0.5	<2	<0.5	<20	20	10	2.1	<0.5
Dec-09	<1	<0.5	<0.5	<0.5	2.1	<0.5	NA	<0.5	<0.5	5.3	<0.5	<2	<0.5	<20	17	11	1.9	<0.5
Dec-10	<1	<0.5	<0.5	<0.5	0.92	<0.5	NA	<0.5	<0.5	7.4	<0.5	<2	<0.5	<20	32	16	3	<0.5
Jun-11	<1	<0.5	<0.5	<0.5	0.66	<0.5	<2	<0.5	<0.5	4.7	<0.5	<2	<0.5	<20	22	10	2	<0.5
W19B																		
Mar-91	ND	0.97	<0.4	<0.4	2.3	<0.4	NA	ND	<0.4	0.57	<0.4	ND	ND	ND	15	11	4.5	ND
Mar-91 Dup	ND	0.91	<0.4	<0.4	2.3	<0.4	NA	ND	<0.4	0.54	<0.4	ND	ND	ND	14	11	4.5	ND
Apr-91	ND	0.79	<0.4	<0.4	0.52	<0.4	NA	ND	<0.4	0.47	<0.4	ND	ND	ND	15	13	5.2	ND

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA ($\mu\text{g/l}$)	1,1,1- TCA ($\mu\text{g/l}$)	1,1,2- TCA ($\mu\text{g/l}$)	1,1- DCA ($\mu\text{g/l}$)	1,1-DCE ($\mu\text{g/l}$)	1,2-DCA ($\mu\text{g/l}$)	1,4- Dioxane ($\mu\text{g/l}$)	BFM ($\mu\text{g/l}$)	CFM ($\mu\text{g/l}$)	cis- 1,2-DCE ($\mu\text{g/l}$)	trans- 1,2- DCE ($\mu\text{g/l}$)	CMT ($\mu\text{g/l}$)	DFM ($\mu\text{g/l}$)	MC ($\mu\text{g/l}$)	PCE ($\mu\text{g/l}$)	TCE ($\mu\text{g/l}$)	TFM ($\mu\text{g/l}$)	VC ($\mu\text{g/l}$)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Apr-91 Dup	ND	1	<0.4	<0.4	0.55	<0.4	NA	ND	<0.4	<0.4	<0.4	ND	ND	ND	<0.4	14	5.3	ND
May-91	--	2.7	<1	<1	2.5	<1	NA	--	<1	--	--	ND	ND	<1	24	7.6	--	--
Aug-91	--	1	<1	<1	1	<1	NA	--	<1	--	--	ND	ND	<1	14	8.1	--	--
Nov-91	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	11	10	--	--
Jan-92	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	14	9	--	--
May-92	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	29	10	--	--
Aug-92	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	12	6	--	--
Aug-92 Dup	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	9	5	--	--
Nov-92	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<1	9	4	--	--
Jan-93	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	13	8	--	--
Jan-93 (WC)	--	<0.3	<0.3	<0.4	0.6	<0.4	NA	--	<0.3	--	--	ND	ND	2*	7.8	4.2	--	--
Apr-93	--	<1	<1	<1	1	<1	NA	--	<1	--	--	ND	ND	<5	13	7	--	--
Jul-93	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	11	6.7	--	--
Oct-93	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	13	6.7	--	--
Jan-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	12	6.2	--	--
Apr-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	15	6.7	--	--
Jul-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	11	5.1	--	--
Nov-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	8.8	5.3	--	--
Jan-95	--	2	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	2	11	7	--	--
Apr-95	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	8.5	4.7	3.6	--
Jul-95	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	4.1	2.5	<1	--
Oct-95	<1	<1	<1	<1	<1	<1	NA	<1	<1	1.6	<1	ND	ND	<5	13	6.1	<1	--
Jan-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	12	6	<1	--
Apr-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	9.4	3.9	1.9	--
Jul-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	8.4*	9	4.2	<1	--
Oct-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	13	6.1	<1	--
Feb-97	<1	<1	<1	<1	<1	<1	<0.5	NA	<1	<1	<1	ND	ND	<5	10	4.8	<1	--
May-97	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	9	3.7	<1	--
Nov-97	<1	<1	<1	<1	<1	<1	NA	<1	<1	1.1	<1	ND	ND	9.5	13	8.2	<1	--
May-98	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	0.7	<0.5	ND	0.8	<10	7.4	3.9	NA	<1
Nov-98	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	1	<0.5	<0.5	<20	<20	7.1	3.8	NA	<1
May-99	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	1	<0.5	<0.5	1.8	<50	5.6	3.2	NA	<1

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Nov-99	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	1	<0.5	<0.5	2.1	<10	6.9	4.2	1.2	<0.5
May-00	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	0.9	<0.5	<0.5	2.6	<20	5.8	3.6	NA	<1
Nov-00	<1	<0.5	<0.5	<0.5	1.1	<1	NA	<0.5	<0.5	0.8	<0.5	<0.5	2.1	<20	7.5	3.9	NA	<1
May-01	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<20	7.4	3.1	NA	<1
Nov-01	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	0.6	<0.5	0.6	2.3	<50	6.1	4.2	<0.5	<0.5
Dec-02	<1	<1	<1	<1	1	<1	NA	<1	<1	<1	<1	<1	<1	<5	8.6	3.3	<1	<1
Nov-03	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	<2	2.3	<1	5.4	1.9	<2	<1
Nov-04	<1	<0.5	<0.5	<0.5	0.6	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<2	1.6	<50	6.4	2.6	1	<0.5
Nov-05	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<2	1.7	<50	5.6	2.1	0.9	<0.5
Dec-06	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<20	5.1	1.9	NA	<1
Nov-07	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	0.5	<0.5	<0.5	1.2	<20	5.2	2.1	NA	<1
Nov-08	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	0.9	<0.5	<2	0.9	<20	5.8	2.4	0.72	<0.5
Dec-09	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	0.89	<0.5	<2	0.64	<20	2.1	1.7	0.71	<0.5
Nov-10	<1	<0.5	<0.5	<0.5	<0.5	0.58	NA	<0.5	<0.5	1.7	<0.5	<2	1.1	<20	14	6.4	2.3	<0.5
Jun-11	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	0.72	<20	5.2	2	0.75	<0.5
June-11 Dup	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	0.7	<20	6.4	2.4	0.88	<0.5
W20B																		
Jan-92	--	18	15	150	3,500	11	NA	--	<1	--	--	ND	ND	130	46	8,700	--	--
Apr-92	--	21	14	170	2,700	12	NA	--	12	--	--	ND	ND	<1	50	2,900	--	--
Aug-92	--	29	18	202	2,830	24	NA	--	20	--	--	ND	ND	<1	82	5,600	--	--
Nov-92	--	11	<1	150	2,600	15	NA	--	12	--	--	ND	ND	<1	56	5,700	--	--
Jan-93	--	23	24	330	4,600	30	NA	--	21	--	--	ND	ND	75	140	8,400	--	--
Apr-93	--	22	14	150	3,600	16	NA	--	23	--	--	ND	ND	<5	83	6,600	--	--
Jul-93	--	25	21	360	4,100	23	NA	--	22	--	--	ND	ND	<25	120	9,400	--	--
Oct-93	--	17	17	920	6,700	18	NA	--	19	--	--	ND	ND	24	73	11,000	--	--
Jan-94	--	25	18	310	4,000	17	NA	--	31	--	--	ND	ND	<25	96	7,500	--	--
Apr-94	--	29	24	330	9,400	24	NA	--	24	--	--	ND	ND	<500	97	6,700	--	--
Nov-94	--	<200	<200	80	3,800	<200	NA	--	<200	--	--	ND	ND	<1,000	<200	5,300	--	--
Jan-95	--	100	<100	390	6,200	<100	NA	--	<100	--	--	ND	ND	<500	200	8,400	--	--
Apr-95	<100	<100	<100	360	7,300	<100	NA	<100	<100	<100	<100	ND	ND	<500	<100	7,600	<100	--
Jul-95	<1	7.9	13	270	4,100	12	NA	<1	15	47	1.1	ND	ND	5.2	110	6,600	1.4	--
Jul-95 Dup	<1	7.1	13	260	4,700	14	NA	<1	14	49	1.1	ND	ND	5	110	6,600	1.1	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Oct-95	<50	<50	<50	370	4,600	<50	NA	<50	<50	<50	<50	ND	ND	<250	<50	7,200	<50	--	
Jan-96	<10	<10	<10	440	2,300	<10	NA	<10	16	50	<10	ND	ND	22	140	5,100	<10	--	
Jan-96 Dup	<10	<10	11	450	2,700	13	NA	<10	16	52	<10	ND	ND	47	150	4,800	<10	--	
Apr-96	<50	<50	<50	300	3,900	<50	NA	<50	<50	<50	<50	ND	ND	<250	100	7,000	<50	--	
Jul-96	<5	<5	12	280	3,000	11	NA	<5	13	36	<5	ND	ND	33*	90	4,800	<5	--	
Jul-96 Dup	<5	<5	13	290	3,000	12	NA	<5	14	38	<5	ND	ND	35*	98	4,900	<5	--	
Oct-96	<100	<100	<100	250	3,100	<100	NA	<100	<100	<100	<100	ND	ND	<500	<100	4,400	<100	--	
Feb-97	<1	5.8	14	230	4,000	15	NA	<1	17	51	1.5	ND	ND	5.5*	94	7,700	1.5	--	
Feb-97 Dup	<1	5.4	15	250	3,900	14	NA	<1	15	47	<1	ND	ND	<5	100	7,600	1.4	--	
May-97	<1	3.5	11	270	2,300	11	NA	<1	12	43	<1	ND	ND	<5	95	3,400	<1	--	
May-97 Dup	<1	3.6	11	290	2,200	11	NA	<1	7.8	43	<1	ND	ND	<5	95	3,300	<1	--	
Nov-97	<10	<10	13	320	3,470	<10	NA	<10	<10	47	<10	ND	ND	<50	140	4,600	<10	--	
May-98	<1	4.8	11	340	3,900	16	NA	<0.5	11	39	0.6	ND	<0.5	<10	120	6,400	NA	0.7	
Nov-98	<10	<5	15	370	3,700	14	NA	<5	15	60	<5	<5	<200	<100	120	6,000	NA	<10	
May-99	<50	82	<25	380	4,100	<50	NA	<25	<25	66	<25	<25	<25	<2500	110	5,700	NA	<50	
Nov-99	<50	<25	<25	360	3,700	<25	NA	<25	<25	64	<25	<25	<25	<500	100	5,700	<25	<25	
May-00	<1	1.7	13	320	3,600	13	NA	<0.5	12	49	1	<0.5	<0.5	<20	86	5,400	NA	1.1	
May-01	<100	56	<50	320	3,000	<100	NA	<50	<50	62	<50	<50	<50	<2000	110	4,700	NA	<100	
Nov-01	<1	1	8.4	200	2,000	7.4	NA	<0.5	7.6	53	<0.5	<0.5	<0.5	<50	82	3,200	1.4	1	
Jun-02	<100	<100	<100	230	2,300	<100	NA	<100	<100	<100	<100	<100	<100	<500	120	3,300	<100	<100	
Dec-02	<100	<100	<100	160	2,000	<100	NA	<100	<100	<100	<100	<100	<100	<500	130	2,800	<100	<100	
May-03	<100	<100	<100	180	1,600	<100	NA	<100	<100	<100	<100	<100	<100	<500	120	2,600	<100	<100	
Nov-03	<50	<50	<50	170	1,500	<50	460	<50	<50	52	<50	<100	<100	<50	120	1,900	<100	<50	
May-04	<100	<100	<100	150	1,200	<100	NA	<100	<100	<100	<100	<100	<100	<500	110	2,000	<100	<100	
Nov-04	<50	<25	<25	120	1,200	<25	NA	<25	<25	34	<25	<100	<100	<25	<2500	110	1,900	<25	<25
Jun-05	<10	9.1	16	190	2,700	7.8	NA	<5	5.1	78	<5	<20	<5	<500	300	400	17	<5	
Nov-05	<10	<5	6	160	1,800	<10	590	<5	5.2	59	<5	<5	<5	<200	130	2,400	<5	<10	
Jun-06	<5	<5	<5	110	900	<5	670	<5	<5	44	<5	<20	<5	<500	73	1,500	<5	<5	
Jun-06 Dup	<5	<5	<5	120	970	<5	770	<5	<5	46	<5	<20	<5	<500	86	1,700	<5	<5	
Dec-06 +	<10	<5	7	140	1,400	<10	670	<5	<5	52	<5	<5	<5	<200	110	2,000	NA	<10	
Jun-07	<10	<5	6.6	140	1,600	<10	700	<5	<5	50	<5	<5	<5	<200	130	2,100	NA	<10	
Nov-07	<10	<5	5.8	120	1,100	<10	610	<5	<5	40	<5	<5	<5	<200	99	1,700	NA	<10	

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
May-08	<1	<0.5	5	100	1,300	5.1	590	<0.5	2.9	33	1	<0.5	<0.5	<20	57	1,600	<0.5	<1	
Nov-08	<10	<5	<5	84	890	<5	290	<5	<5	33	<5	<20	<5	<200	66	820	<5	<5	
Jun-09	<10	<5	<5	59	630	<5	142	<5	<5	23	<5	<20	<5	<20	54	590	<5	<5	
Dec-09	<10	<5	<5	75	780	<5	220	<5	<5	28	<5	<20	<5	<200	58	580	<5	<5	
Jun-10	<10	<5	<5	41	420	<5	190	<5	<5	19	<5	<20	<5	<200	57	440	<5	<5	
Jun-10 Dup	<10	<5	<5	40	390	<5	NA	<5	<5	18	<5	<20	<5	<200	56	420	<5	<5	
Dec-10	<5	<2.5	<2.5	41	430	<2.5	150	<2.5	<2.5	21	<2.5	<10	<2.5	<100	68	420	<2.5	<2.5	
Dec-10 Dup	<5	<2.5	<2.5	42	440	<2.5	NA	<2.5	<2.5	21	<2.5	<10	<2.5	<100	69	430	<2.5	<2.5	
Jun-11	<5	<2.5	<2.5	41	480	<2.5	130	<2.5	<2.5	20	<2.5	<10	<2.5	<100	63	440	<2.5	<2.5	
Jun-11 Dup	<5	<2.5	<2.5	2.6	61	750	<2.5	130	<2.5	<2.5	31	<2.5	<10	<2.5	<100	100	690	<2.5	<2.5
W21C																			
Jan-93	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	<1	<1	--	--	
Apr-93	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	<1	<1	--	--	
Jul-93	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	<1	<1	--	--	
Oct-93	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	<1	<1	--	--	
Jan-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	<1	<1	--	--	
Apr-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	<1	<1	--	--	
Jul-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	<1	<1	--	--	
Nov-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	<1	1.2	--	--	
Apr-95	<1	2.3	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	<1	
Jul-95	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	<1	
Oct-95	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	1.4	<1	<1	
Jan-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	<1	
Apr-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	<1	
Jul-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	<1	
Oct-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	<1	
Feb-97	<1	<1	<1	<1	<1	<1	<0.5	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	<1
May-97	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	<1	
Nov-97	<1	<1	<1	<1	<1	<1	<0.5	NA	<1	<1	<1	<1	ND	ND	<5	1.3	<1	<1	<1
Nov-98	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	<20	0.7	0.6	NA	<1
Nov-99	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	0.9	0.8	<0.5	<0.5	
Nov-00	<1	<0.5	<0.5	<0.5	<0.5	0.8	<1	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.3	1	NA	<1	

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Nov-01	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	<0.5
Dec-02	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	<1	<1	<5	1.5	1.2	<1	<1
Nov-03	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	<2	<2	<1	1	<1	<2	<1
Nov-04	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<50	0.9	0.8	<0.5	<0.5
Nov-05	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<50	1.5	0.8	<0.5	<0.5
Jun-06	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<50	1.3	<0.5	<0.5	<0.5
Dec-06	<1	<0.5	<0.5	<0.5	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.6	1	NA	<1
Jun-07	<1	<0.5	<0.5	<0.5	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.8	0.8	NA	<1
Nov-07	<1	<0.5	<0.5	<0.5	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.6	1	NA	<1
May-08	<1	<0.5	<0.5	<0.5	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.4	1.1	<0.5	<1
Nov-08	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	0.8	0.6	<0.5	<0.5
Jun-09	<1	<0.5	<0.5	<0.5	<0.5	<0.5	5.2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	0.66	1.1	<0.5	<0.5
Dec-09	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1	0.76	<0.5	<0.5
Dec-09-Dup	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1	0.76	<0.5	<0.5
Jun-10	<1	<0.5	<0.5	<0.5	0.59	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	0.73	3	<0.5	<0.5
Nov-10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1.4	0.94	<0.5	<0.5
Jun-11	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	1.5	1.2	<0.5	<0.5
W22C																		
Jan-93	--	<1	<1	<1	5	<1	NA	--	<1	--	--	ND	ND	<5	21	23	--	--
Apr-93	--	<1	<1	<1	3	<1	NA	--	3	--	--	ND	ND	<5	11	14	--	--
Jul-93	--	<1	<1	<1	<1	<1	NA	--	3.3	--	--	ND	ND	<5	12	14	--	--
Oct-93	--	<1	<1	<1	<1	<1	NA	--	3.6	--	--	ND	ND	<5	4.7	6.9	--	--
Jan-94	--	<1	<1	<1	1.9	<1	NA	--	1.6	--	--	ND	ND	<5	4.5	6.9	--	--
Apr-94	--	<1	<1	<1	<1	<1	NA	--	2.3	--	--	ND	ND	<5	5.4	5	--	--
Jul-94	--	<1	<1	<1	<1	<1	NA	--	1.6	--	--	ND	ND	<5	3.1	4.2	--	--
Nov-94	--	<1	<1	<1	2.2	<1	NA	--	3.3	--	--	ND	ND	<5	5	6.3	--	--
Jan-95	--	<1	<1	<1	1	<1	NA	--	3	--	--	ND	ND	<5	4	6	--	--
Apr-95	<1	<1	<1	<1	31	<1	NA	<1	3.3	4.2	<1	ND	ND	<5	35	18	8.7	--
Jul-95	<1	<1	<1	<1	6	<1	NA	<1	2.9	<1	<1	ND	ND	<5	3.9	7.2	2.1	--
Oct-95	<1	<1	<1	<1	2.5	<1	NA	<1	5.1	5.5	<1	ND	ND	<5	32	17	2.1	--
Jan-96	<1	<1	<1	<1	5.1	<1	NA	<1	3.5	<1	<1	ND	ND	<5	5	6	1.1	--
Apr-96	<1	<1	<1	<1	3	<1	NA	<1	2.2	<1	<1	ND	ND	<5	3.9	4.9	1.6	--

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Jul-96	<1	<1	<1	<1	3.6	<1	NA	<1	4.6	2.6	<1	ND	ND	<5	22	12	<1	--
Oct-96	<1	<1	<1	<1	2.1	<1	NA	<1	3.5	<1	<1	ND	ND	<5	4.7	5.7	<1	--
Feb-97	<1	<1	<1	<1	5	<0.5	NA	<1	3.3	7.1	<1	ND	ND	<5	39	18	<1	--
May-97	<1	<1	<1	<1	4	<1	NA	<1	2.9	2.8	<1	ND	ND	<5	26	11	<1	--
Nov-97	<1	<1	<1	<1	4.7	<1	NA	<1	4.6	<1	<1	ND	ND	<5	6.4	6.1	<1	--
May-98	<1	<0.5	<0.5	<0.5	2.3	<1	NA	<0.5	2.2	<0.5	<0.5	ND	<0.5	<10	3.1	3.3	NA	<1
Nov-98	<1	<0.5	<0.5	<0.5	1.9	<1	NA	<0.5	2.4	0.5	<0.5	<0.5	<20	<20	2.6	2.9	NA	<1
May-99	<1	<0.5	<0.5	<0.5	2.2	<1	NA	<0.5	<0.5	0.5	<0.5	<0.5	ND	<50	2	2.8	NA	<1
Nov-99	<1	<0.5	<0.5	<0.5	2.4	<0.5	NA	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<10	2.2	3	<0.5	<0.5
May-00	<1	<0.5	<0.5	<0.5	1.5	<1	NA	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<20	1.6	2.5	NA	<1
Nov-00	<1	<0.5	<0.5	<0.5	1.8	<1	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	1.6	2.3	NA	<1
May-01	<1	<0.5	<0.5	<0.5	2.8	<1	NA	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<20	1.9	4.1	NA	<1
Nov-01	<1	<0.5	<0.5	0.6	4.5	<0.5	NA	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<50	2.9	6.8	<0.5	<0.5
Nov-01 Dup	<1	<0.5	<0.5	0.6	4.2	<0.5	NA	<0.5	1.6	0.7	<0.5	<0.5	<0.5	<50	2.6	5.9	<0.5	<0.5
Nov-05	<1	<0.5	<0.5	<0.5	2.6	<0.5	<2	<0.5	1.5	0.6	<0.5	<2	<0.5	<50	2.3	7.7	<0.5	<0.5
Jun-06	<1	<0.5	<0.5	<0.5	2	<0.5	<2	<0.5	1.2	0.6	<0.5	<2	<0.5	<50	2.3	6.3	<0.5	<0.5
Dec-06	<1	<0.5	<0.5	<0.5	2.4	<1	<2	<0.5	1.4	0.6	<0.5	<0.5	<0.5	<20	2.5	7.1	NA	<1
Jun-07	<1	<0.5	<0.5	<0.5	2.5	<1	<2	<0.5	1.6	0.5	<0.5	<0.5	<0.5	<20	2.7	7.6	NA	<1
Nov-07	<1	<0.5	<0.5	<0.5	1.7	<1	<2	<0.5	1	<0.5	<0.5	<0.5	<0.5	<20	2.3	5.8	NA	<1
May-08	<1	<0.5	<0.5	<0.5	2.1	<1	<2	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<20	2	6.2	<0.5	<1
Nov-08	<1	<0.5	<0.5	0.9	6.6	<0.5	<2	<0.5	2.4	1.6	<0.5	<2	<0.5	<20	4.8	17	0.8	<0.5
Nov-08 Dup	<1	<0.5	<0.5	0.9	6.4	<0.5	NA	<0.5	2.4	1.6	<0.5	<2	<0.5	<20	4.8	17	0.8	<0.5
Jun-09	<1	<0.5	<0.5	<0.5	4	<0.5	<4	<0.5	1.8	0.96	<0.5	<2	<0.5	<20	2	9.3	<0.5	<0.5
Dec-09	<1	<0.5	<0.5	1.5	10	<0.5	<2	<0.5	2.5	2.7	<0.5	<2	<0.5	<20	6.4	23	0.95	<0.5
Jun-10	<1	<0.5	<0.5	1.1	7.6	<0.5	<2	<0.5	2.4	2.6	<0.5	<2	<0.5	<20	5.6	23	1	<0.5
Nov-10	<1	<0.5	<0.5	0.9	7.7	<0.5	<2	<0.5	2.4	2.4	<0.5	<2	<0.5	<20	8.2	26	1.2	<0.5
Jun-11	<1	<0.5	<0.5	0.97	8	<0.5	<2	<0.5	2.4	2	<0.5	<2	<0.5	<20	6.6	21	1.4	<0.5
W23C	--	<1	<1	<1	<1	<1	NA	--	4	--	--	ND	ND	<5	23	<1	--	--
Jan-93	--	<1	<1	<1	<1	<1	NA	--	2	--	--	ND	ND	<5	19	<1	--	--
Apr-93	--	<1	<1	<1	<1	<1	NA	--	4	--	--	ND	ND	<5	22	<1	--	--
Jul-93	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	20	<1	--	--
Oct-93	--	<1	<1	<1	<1	<1	NA	--	--	--	--	ND	ND	<5	20	<1	--	--

TABLE 2
HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA ($\mu\text{g/l}$)	1,1,1- TCA ($\mu\text{g/l}$)	1,1,2- TCA ($\mu\text{g/l}$)	1,1- DCA ($\mu\text{g/l}$)	1,1-DCE ($\mu\text{g/l}$)	1,2-DCA ($\mu\text{g/l}$)	1,4- Dioxane ($\mu\text{g/l}$)	BFM ($\mu\text{g/l}$)	CFM ($\mu\text{g/l}$)	cis- 1,2-DCE ($\mu\text{g/l}$)	trans- 1,2- DCE ($\mu\text{g/l}$)	CMT ($\mu\text{g/l}$)	DFM ($\mu\text{g/l}$)	MC ($\mu\text{g/l}$)	PCE ($\mu\text{g/l}$)	TCE ($\mu\text{g/l}$)	TFM ($\mu\text{g/l}$)	VC ($\mu\text{g/l}$)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Jan-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	2.2	<1	--	--	
Apr-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	3.2	<1	--	--	
Jul-94	--	<1	<1	<1	<1	<1	NA	--	<1	--	--	ND	ND	<5	1.8	<1	--	--	
Nov-94	--	<1	<1	<1	<1	<1	NA	--	1.2	--	--	ND	ND	<5	1.4	<1	--	--	
Jan-95	--	<1	<1	<1	<1	<1	NA	--	1	--	--	ND	ND	<5	1	<1	--	--	
Apr-95	<1	<1	<1	<1	11	<1	NA	<1	<1	<1	<1	ND	ND	<5	1.1	<1	<1	--	
Jul-95	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--	
Oct-95	<1	<1	<1	<1	<1	<1	NA	<1	2	<1	<1	ND	ND	<5	4.9	<1	<1	--	
Oct-95 Dup	<1	<1	<1	<1	<1	<1	NA	<1	2.1	<1	<1	ND	ND	<5	5.2	<1	<1	--	
Jan-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	1.1	<1	<1	--	
Apr-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--	
Jul-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	6.4*	2.1	<1	<1	--	
Oct-96	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	<1	<1	<1	--	
Feb-97	<1	<1	<1	<1	<1	<0.5	NA	<1	2	<1	<1	ND	ND	<5	8.3	<1	<1	--	
May-97	<1	<1	<1	<1	<1	<1	NA	<1	2	<1	<1	ND	ND	<5	4.9	<1	<1	--	
Nov-97	<1	<1	<1	<1	<1	<0.5	NA	<1	1.9	<1	<1	ND	ND	<5	6.9	<1	<1	--	
Nov-98	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	1.9	<0.5	<0.5	<0.5	<20	<20	4.4	<0.5	NA	<1	--
Nov-99	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<10	0.7	<0.5	<0.5	<0.5	--
Nov-00	<1	<0.5	<0.5	<0.5	<0.5	<1	NA	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<20	0.9	<0.5	NA	<1	--
Nov-01	<1	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	0.7	<0.5	<0.5	<0.5	--
Dec-10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	2.7	<0.5	<0.5	<2	<0.5	<20	8.5	<0.5	<0.5	<0.5	--
Jun-11	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	2.8	<0.5	<0.5	<2	<0.5	<20	6.2	<0.5	<0.5	<0.5	--
W24B																			
Jan-93	--	51	7	86	6,600	8	NA	--	5	--	--	ND	ND	<12.5	38	1,500	--	--	
Apr-93	--	82	<1	50	2,800	<1	NA	--	<1	--	--	ND	ND	<1	52	1,400	--	--	
Jul-93	--	140	12	220	4,800	22	NA	--	14	--	--	ND	ND	<5	78	2,000	--	--	
Oct-93	--	150	13	290	4,200	29	NA	--	14	--	--	ND	ND	<25	92	1,400	--	--	
Oct-93 Dup	--	160	17	230	4,500	23	NA	--	15	--	--	ND	ND	<25	99	1,700	--	--	
Jan-94	--	120	14	310	4,400	18	NA	--	18	--	--	ND	ND	<25	85	1,500	--	--	
Apr-94	--	97	14.4	160	2,600	3.8	NA	--	5.8	--	--	ND	ND	<5	78	1,100	--	--	
Jul-94	--	80	7.9	140	2,600	2.8	NA	--	4.2	--	--	ND	ND	<10	71	990	--	--	
Nov-94	--	120	<100	190	5,200	<100	NA	--	<100	--	--	ND	ND	<500	<100	1,500	--	--	

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)	
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1	
Jan-95	--	61	10	120	12,250	6	NA	--	5	--	--	ND	ND	1	51	3,150	--	--	
Apr-95	<100	<100	<100	<100	3,900	<100	NA	<100	<100	<100	<100	ND	ND	<500	<100	1,200	<100	--	
Jul-95	<1	38	5.4	86	2,100	2.7	NA	<1	2.7	12	<1	ND	ND	<5	45	1,200	<1	--	
Oct-95	<50	<50	<50	110	1,300	<50	NA	<50	<50	<50	<50	ND	ND	<250	64	1,200	<50	--	
Jan-96	<5	23	<5	84	650	<5	NA	<5	<5	6.5	<5	ND	ND	<25	44	690	<5	--	
Apr-96	<5	11	<5	37	700	<5	NA	<5	<5	<5	<5	ND	ND	<25	16	410	<5	--	
Jul-96	<1	15	3.4	50	690	1.5	NA	<1	2.4	6.1	<1	ND	ND	6.7	24	500	<1	--	
Oct-96	<10	<10	<10	39	760	<10	NA	<10	<10	<10	<10	ND	ND	<50	<10	510	<10	--	
Oct-96 Dup	<10	<10	<10	39	760	<10	NA	<10	<10	<10	<10	ND	ND	<50	<10	480	<10	--	
Feb-97	<10	<10	<10	28	500	<5	NA	<10	<10	<10	<10	ND	ND	<50	15	570	<10	--	
May-97	<1	4.3	1.4	38	560	<1	NA	<1	1	4.7	<1	ND	ND	<5	16	580	<1	--	
Nov-97	<10	<10	<10	10	140	<10	NA	<10	<10	<10	<10	ND	ND	<50	<10	170	<10	--	
May-98	<1	2.7	1.8	38	620 ³	1.6	NA	<0.5	1.9	5.2	0.5	ND	<0.5	<10	17	460	NA	<1	
Nov-98	<10	<5	<5	26	330	<10	NA	<5	<5	5	<5	<200	<100	11	370	NA	<10	--	
May-99	<1	<0.5	<0.5	3.9	57	<1	NA	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<50	1.5	66	NA	<1	
Nov-99	<1	1.4	<0.5	4.8	65	<0.5	NA	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<10	2.6	72	<0.5	<0.5	
May-00	<1	1.1	<0.5	2.5	26	<1	NA	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<20	1.3	24	NA	<1	
Nov-00	<1	7.9	0.9	14	130	<1	NA	<0.5	<0.5	4.1	<0.5	<0.5	<0.5	<20	7	110	NA	<1	
May-01	<1	4.5	0.9	15	120	0.5	NA	<0.5	0.6	3.8	<0.5	<0.5	<0.5	<20	6	110	NA	<1	
Nov-01	<1	3.2	1.4	21	160	<0.5	NA	<0.5	0.9	4.8	<0.5	<0.5	<0.5	<50	7	160	<0.5	<0.5	
Nov-05	<1	<0.5	1.9	40	380	1.1	90	<0.5	1.4	7.4	<0.5	<2	<0.5	<50	15	230	<0.5	<0.5	
Jun-06	<5	<2.5	<2.5	35	410	<2.5	79	<2.5	<2.5	8	<2.5	<10	<2.5	<250	17	280	<2.5	<2.5	
Dec-06	<5	<2.5	2.6	35	430	<5	103	<2.5	<2.5	8	<2.5	<2.5	<2.5	<2.5	<100	15	240	NA	<5
Dec-06 Dup	<5	<2.5	<2.5	36	430	<5	110	<2.5	<2.5	8.2	<2.5	<2.5	<2.5	<2.5	<100	16	250	NA	<5
Jun-07	<1	<0.5	3.4	57	760	2	150	<0.5	1.9	15	0.6	<0.5	<0.5	<20	31	390	NA	<1	
Nov-07	<5	<2.5	2.6	41	410	<5	98	<2.5	<2.5	10	<2.5	<2.5	<2.5	<100	21	300	NA	<5	
May-08	<1	<0.5	2.4	44	610	1.7	130	<0.5	1.5	10	0.6	<0.5	<0.5	<20	19	360	<0.5	<1	
Nov-08	<5	<2.5	2.8	45	500	<2.5	110	<2.5	<2.5	10	<2.5	<10	<2.5	<100	21	280	<2.5	<2.5	
Jun-09	<1	<0.5	2	31	31	1.2	120	<0.5	1	6.5	1.1	<2	<0.5	<20	13	170	<0.5	<0.5	
Dec-09	<2	<1	2	39	160	1.1	140	<1	1.3	7.5	<1	<4	<1	<40	11	180	<1	<1	
Jun-10	<4	<2	2.2	26	<2	<2	81	<2	<2	3.8	<2	<8	<2	<80	8.8	160	<2	<2	
Dec-10	<1	<0.5	2	28	97	1.3	110	<0.5	1.2	5.5	0.56	<2	<0.5	<20	11	180	<0.5	<0.5	

TABLE 2

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS

WELL NUMBER/ DATES	1,1,2,2- PCA (µg/l)	1,1,1- TCA (µg/l)	1,1,2- TCA (µg/l)	1,1- DCA (µg/l)	1,1-DCE (µg/l)	1,2-DCA (µg/l)	1,4- Dioxane (µg/l)	BFM (µg/l)	CFM (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2- DCE (µg/l)	CMT (µg/l)	DFM (µg/l)	MC (µg/l)	PCE (µg/l)	TCE (µg/l)	TFM (µg/l)	VC (µg/l)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Dec-10 Dup	NA	NA	NA	NA	NA	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jun-11	<1	<0.5	1.3	22	1.4	0.86	71	<0.5	0.92	3.8	0.59	<2	<0.5	<20	15	170	<0.5	<0.5
Jun-11 Dup	<1	<0.5	1.3	22	9.9	0.91	75	<0.5	0.91	3.9	0.5	<2	<0.5	<20	14	170	<0.5	<0.5
W25B																		
Jan-93	--	<1	<1	<1	<1	<1	NA	--	2	--	--	ND	ND	<5	13	<1	--	--
Apr-93	--	<1	<1	<1	<1	<1	NA	--	2	--	--	ND	ND	<5	15	<1	--	--
Jul-93	--	<1	<1	<1	<1	1.1	NA	--	2.7	--	--	ND	ND	<5	26	2.2	--	--
Oct-93	--	<1	<1	<1	<1	<1	NA	--	1	--	--	ND	ND	<5	7.3	<1	--	--
Jan-94	--	<1	<1	<1	<1	<1	NA	--	1.6	--	--	ND	ND	<5	23	1.3	--	--
Apr-94	--	<1	<1	<1	<1	1.1	NA	--	1.5	--	--	ND	ND	<5	35	<1	--	--
Jul-94	--	<1	<1	<1	<1	<1	NA	--	1.5	--	--	ND	ND	<5	27	<1	--	--
Nov-94	--	<1	<1	<1	<1	<1	NA	--	2.4	--	--	ND	ND	<5	35	<1	--	--
Jan-95	--	<1	<1	<1	2	<1	NA	--	2	--	--	ND	ND	<5	28	1	--	--
Apr-95	<1	<1	<1	<1	11	<1	NA	<1	1.8	<1	<1	ND	ND	<5	<1	<1	<1	--
Jul-95	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	32	<1	<1	--
Oct-95	<1	<1	<1	<1	<1	<1	NA	<1	2.5	<1	<1	ND	ND	<5	35	1.3	<1	--
Jan-96	<1	<1	<1	<1	<1	<1	NA	<1	2.1	<1	<1	ND	ND	<5	25	<1	<1	--
Apr-96	<1	<1	<1	<1	<1	<1	NA	<1	1.6	<1	<1	ND	ND	<5	20	<1	<1	--
Jul-96	<1	<1	<1	<1	<1	<1	NA	<1	1.2	<1	<1	ND	ND	<5	13	<1	<1	--
Oct-96	<1	<1	<1	<1	<1	<1	NA	<1	1.4	<1	<1	ND	ND	<5	13	<1	<1	--
Feb-97	<1	<1	<1	<1	<1	<0.5	NA	<1	<1	<1	<1	ND	ND	<5	17	<1	<1	--
May-97	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	ND	ND	<5	16	<1	<1	--
Nov-97	<1	<1	<1	<1	<1	<1	NA	<1	2.5	<1	<1	ND	ND	<5	12	1.3	<1	--
May-98	<1	<0.5	<0.5	<0.5	0.5	<1	NA	<0.5	1.6	<0.5	<0.5	ND	<0.5	<10	19	1.4	NA	<1
Nov-98	<1	<0.5	<0.5	<0.5	0.5	<1	NA	<0.5	2.2	<0.5	<0.5	<0.5	<20	<10	20	1.3	NA	<1
May-99	<1	<0.5	<0.5	<0.5	0.7	<1	NA	<0.5	2.2	<0.5	<0.5	<0.5	<0.5	<50	16	1.3	NA	<1
Nov-99	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	2.3	<0.5	<0.5	<0.5	<10	19	1.4	<0.5	<0.5
May-00	<1	<0.5	<0.5	<0.5	0.6	<1	NA	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<20	15	1.5	NA	<1
Nov-00	<1	<0.5	<0.5	<0.5	1.1	<1	NA	<0.5	2	<0.5	<0.5	<0.5	<0.5	<20	17	1.3	NA	<1
May-01	<1	<0.5	<0.5	<0.5	0.8	<1	NA	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<20	14	1.2	NA	<1
Nov-01	<1	<0.5	<0.5	<0.5	0.7	<0.5	NA	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<50	13	1.2	<0.5	<0.5
Jun-06	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	1.1	<0.5	<0.5	<0.5	<50	12	<0.5	<0.5	<0.5

TABLE 2**HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS-MONITORING WELLS**

WELL NUMBER/ DATES	1,1,2,2- PCA ($\mu\text{g/l}$)	1,1,1- TCA ($\mu\text{g/l}$)	1,1,2- TCA ($\mu\text{g/l}$)	1,1-DCA ($\mu\text{g/l}$)	1,1-DCE ($\mu\text{g/l}$)	1,2-DCA ($\mu\text{g/l}$)	1,4- Dioxane ($\mu\text{g/l}$)	BFM ($\mu\text{g/l}$)	CFM ($\mu\text{g/l}$)	cis- 1,2-DCE ($\mu\text{g/l}$)	trans- 1,2-DCE ($\mu\text{g/l}$)	CMT ($\mu\text{g/l}$)	DFM ($\mu\text{g/l}$)	MC ($\mu\text{g/l}$)	PCE ($\mu\text{g/l}$)	TCE ($\mu\text{g/l}$)	TFM ($\mu\text{g/l}$)	VC ($\mu\text{g/l}$)
DRINKING WATER STANDARD	1	200	32	5	6	0.5	3	100	100	6	10	NE	NE	5	5	5	150	1
Dec-10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	0.59	<0.5	<0.5	<2	<0.5	<20	8.3	0.53	<0.5	<0.5
Jun-11	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<20	5.4	<0.5	<0.5	<0.5

Drinking water standards are Drinking Water Action Levels as established by the California Department of Health Services or Maximum Contaminant Levels (MCLs) as established by the United States Environmental Protection Agency.

¹ - Well was dry during the sampling events from October 1990 through January 1993.

-- - Data not previously reported due to low levels.

< - Not detected at the detection limit shown.

* - Methylene chloride concentrations may be possible laboratory contaminant.

+ - 1,4 Dioxane result is an estimated value as concentration was over calibration and cannot be diluted due to nature of analysis.

² - Data included from sampling conducted in February as part of the monitoring of the groundwater treatment system. Wells were not sampled in April, 1996.

³ - Result reported as an estimated value.

Additional low-level VOCs other than those reported in this table have also been detected occasionally.

NA - Not Analyzed (for listed constituent)

ND - Not Detected

NE - Not Established

L - Laboratory Control Sample and/or Laboratory Control Sample Duplicate recover was above the acceptance limits. Analyte not detected, data not impacted.

C - Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.

P-HS - Sample container contained headspace.

1,1,2,2-PCA - 1,1,2,2-tetrachloroethane

1,1,1-TCA - 1,1,1-trichloroethane

1,1,2-TCA - 1,1,2-trichloroethane

1,1-DCA - 1,1-dichloroethane

1,1-DCE - dichloroethene

1,2-DCA - 1,2-dichloroethane

BFM - Bromoform

CFM - Chloroform

cis-1,2-DCE - cis-1,2-dichloroethene

trans-1,2-DCE - trans-1,2-dichloroethene

CMT - Chloromethane

DFM - Dichlorodifluoromethane

MC - Methylene chloride

PCE - Tetrachloroethene

TCE - Trichloroethene

TFM - Trichlorofluoromethane

VC - Vinyl Chloride

TABLE 3

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS - EW - PZ WELLS

Well Number / Dates	1,1,2,2-PCA	1,1,1-TCA	1,1,2-TCA	1,1-DCA	1,1-DCE	1,2-DCA	1,4-Dioxane	BFM	CFM	cis-1,2-DCE	trans-1,2-DCE	CMT	DFM	MC	PCE	TCE	TFM	VC	Perchlorate
	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NPDES	0.17	200	0.6	5	0.057	0.38	3	4.3	100	NE	10	NE	NE	4.7	0.8	2.7	NE	0.5	4
MCL	1	200	5	5	6	0.5	3	80	80	6	10	NE	NE	5	5	5	150	0.5	6
EW1																			
Jul-06	<0.1	<0.5	<0.5	1.3	8.6	<0.1	NA	<0.5	<0.5	8.1	<0.5	<0.5	<0.5	<20	43	24	NA	<0.1	NA
Sep-06	<0.1	<0.5	<0.5	1.8	14	<0.1	4	<0.5	<0.5	12	<0.5	<0.5	<0.5	<20	61	30	NA	<0.1	NA
Dec-06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.1
Jun-08	<0.1	<0.5	<0.5	6.4	50	<0.5	NA	<0.5	<0.5	13	0.9	<2	<0.5	NA	63	110	NA	<0.5	3
Jul-08	NA	NA	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr-09	<0.1	<0.5	<0.5	0.6	11	<0.5	<2	<0.5	0.68	1.2	<0.5	<2	<0.5	<20	5.2	8.5	<0.5	<0.5	<2
Mar-10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dec-10	<1	<0.5	<0.5	8.8	73	<0.5	28	<0.5	<0.5	11	<0.5	<2	<0.5	<20	44	110	0.63	<0.5	<4
Jun-11	<1	<0.5	<0.5	1.2	10	<0.5	3.7	<0.5	1.2	3.4	<0.5	<2	<0.5	<20	17	18	<0.5	<0.5	<4
EW2																			
Oct-06	<10	<5	6.9	85	1,700	<10	260	<5	5.1	17	<5	<5	<5	<200	58	710	NA	<10	NA
Dec-06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13
Jun-08	<0.1	1.2	<0.5	8.7	77	<0.5	120	<0.5	<0.5	6.8	<0.5	<2	<0.5	--	30	66	NA	<0.5	7.2
Jul-08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr-09	<0.1	<0.5	2.4	36	380	0.99	120	<0.5	1.2	9.6	<0.5	<2	<0.5	<20	22	190	<0.5	<0.5	2.1
Mar-10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dec-10	<2	<1	3.2	46	180	1.9	200	<1	1.8	7	<1	<4	<1	<40	22	310	<1	<1	7
Jun-11	<10	<5	5.3	74	1,000	<5	250	<5	<5	10	<5	<20	<5	<200	38	540	<5	<5	4.8
EW3																			
Oct-06	<0.1	<0.5	<0.5	6.4	69	<0.1	20	<0.5	<0.5	17	<0.5	<0.5	<0.5	<20	78	83	NA	<0.1	NA
Dec-06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4
Jun-08	<2	<0.1	3.3	51	400	1.5	13	<0.1	1.7	14	<0.1	<4	<0.1	NA	32	330	NA	<0.1	3.4
Jul-08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr-09	<0.1	<0.5	<0.5	8	82	<0.5	32	<0.5	<0.5	5.9	<0.5	<2	<0.5	<20	21	69	<0.5	<0.5	<2
Mar-10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dec-10	<1	<0.5	<0.5	13	60	0.55	37	<0.5	<0.5	8.1	0.85	<2	<0.5	<20	85	130	<0.5	<0.5	4.1
Jun-11	<1	<0.5	<0.5	5.9	34	<0.5	25	<0.5	<0.5	7.2	<0.5	<2	<0.5	<20	34	81	<0.5	<0.5	<4

TABLE 3

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS - EW - PZ WELLS

Well Number / Dates	1,1,2,2-PCA	1,1,1-TCA	1,1,2-TCA	1,1-DCA	1,1-DCE	1,2-DCA	1,4-Dioxane	BFM	CFM	cis-1,2-DCE	trans-1,2-DCE	CMT	DFM	MC	PCE	TCE	TFM	VC	Perchlorate
	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
EW4																			
Nov-06	<0.1	1.7	0.9	22	270	<0.1	70	<0.5	0.7	16	<0.5	<0.5	<0.5	<20	61	250	NA	<0.1	2.7
Jun-08	<0.1	<0.5	<0.5	3	6.4	<0.5	20	<0.5	<0.1	2.1	<0.5	<2	<0.5	--	6.7	28	NA	<0.5	3.1
Jul-08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr-09	<0.1	<0.5	<0.5	3.2	22	<0.5	28	<0.5	<0.5	2.7	<0.5	<2	<0.5	<20	6.1	19	<0.5	<0.5	<2
Mar-10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dec-10	<5	<2.5	3.2	100	1,100	2.5	330	<2.5	3	29	<2.5	<10	<2.5	<100	56	790	<2.5	<2.5	4.3
Jun-11	<1	<0.5	<0.5	2.8	25	<0.5	5.2	<0.5	<0.5	1.4	<0.5	<2	<0.5	<20	7	21	<0.5	<0.5	7.7
PZ1																			
Jan-06	<0.5	<0.5	<0.5	<0.5	1.7	<1	<2	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<20	3.2	1.9	--	<1	NA
Jun-10	<1	<0.5	<0.5	0.56	3.0	<0.5	--	<0.5	0.77	1.0	<0.5	<2	--	<20	11	4.8	<0.5	<0.5	NA
Nov-10	<1	<0.5	<0.5	<0.5	1.6	<0.5	<2	<0.5	<0.5	0.66	<0.5	<2	<0.5	<20	5.1	2	<0.5	<0.5	NA
Jun-11	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<2	<0.5	<20	1.4	0.79	<0.5	<0.5	8.5	
PZ2																			
Jan-06	<0.5	<0.5	<0.5	<0.5	0.5	<1	<2	2.7	<0.5	1.2	<0.5	<0.5	<0.5	<20	3.1	3.8	--	<1	NA
Jun-10	<1	<0.5	<0.5	<0.5	1.7	<0.5	--	<0.5	0.65	0.44	<0.5	<2	--	<20	5.3	4.3	<0.5	<0.5	NA
Nov-10	<1	<0.5	<0.5	<0.5	1.1	<0.5	<2	<0.5	0.63	0.78	<0.5	<2	<0.5	<20	8.4	3	<0.5	<0.5	NA
Jun-11	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	0.99	<0.5	<2	<0.5	<20	4.2	2.8	<0.5	<0.5	7
PZ3																			
Jun-06	--	<0.5	<0.5	3.9	50	<0.5	28	<0.5	<0.5	3.2	<0.5	<2	<0.5	<50	14	44	<0.5	<0.5	NA
Dec-10	<2	<1	1.6	27	170	<1	130	<1	<1	13	<1	<4	<1	<40	21	120	<1	<1	NA
Jun-11	<1	<0.5	<0.5	6.1	59	<0.5	11	<0.5	<0.5	3.3	<0.5	<2	<0.5	<20	22	46	<0.5	<0.5	<4
PZ4																			
Jun-11	<1	<0.5	<0.5	2.8	23	<0.5	11	<0.5	0.75	8.6	<0.5	<2	<0.5	<20	46	45	0.56	<0.5	<4
PZ5																			
Jul-06	<1	<0.5	<0.5	4.1	55	<1	NA	<0.5	<0.5	13	<0.5	<0.5	<0.5	<20	64	67	NA	<1	NA
Jun-11	<1	<0.5 M1	<0.5	4.6 M1	41 M1	<0.5	21	<0.5	<0.5	7	<0.5	<2	<0.5	<20	36 M1	70 M1	<0.5 M1	<0.5	<4
PZ6																			
Jul-06	<1	0.6	<0.5	13	94	<1	NA	<0.5	<0.5	8.2	<0.5	<0.5	<0.5	<20	24	100	NA	<1	NA
Jul-06	<1	1.7	0.6	17	160	<1	NA	<0.5	<0.5	11	<0.5	<0.5	<0.5	<20	30	130	NA	<1	NA

TABLE 3

HISTORIC VOC GROUNDWATER ANALYTICAL RESULTS - EW - PZ WELLS

Well Number / Dates	1,1,2,2-PCA	1,1,1-TCA	1,1,2-TCA	1,1-DCA	1,1-DCE	1,2-DCA	1,4-Dioxane	BFM	CFM	cis-1,2-DCE	trans-1,2-DCE	CMT	DFM	MC	PCE	TCE	TFM	VC	Perchlorate
	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Dec-10	<5	<2.5	3.8	89	880	<2.5	330	<2.5	<2.5	28	<2.5	<10	<2.5	<100	54	610	<2.5	<2.5	NA
Jun-11	<1	<0.5	0.6	12	99	<0.5	43	<0.5	0.5	4.6	<0.5	<2	<0.5	<20	14	68	<0.5	<0.5	10
PZ7																			
Jul-06	<1	<0.5	1.0	17	360	0.7	NA	<0.5	1.0	3.9	<0.5	<0.5	<0.5	<20	11	190	NA	<1	NA
Nov-10	<1	<0.5	<0.5	7.9	69	<0.5	22	<0.5	0.59	1.4	<0.5	<2	<0.5	<20	5.6	110	<0.5	<0.5	NA
Jun-11	<1	<0.5	<0.5	9.3	160	0.58	25	<0.5	1.3	2.4	<0.5	<2	<0.5	<20	8.2	110	<0.5	<0.5	5.9

NPDES - National Pollutant Discharge Elimination System General Permit Requirements, R4-2007-0022

MCL - Maximum Contaminant Level

< - Not detected at the detection limit shown.

NA - Not Analyzed (for listed constituent)

NE - Not Established (for listed constituent)

M1 - The MS and/or MSD was above the acceptance limits due to sample matrix interference. See Blank Spike LCS.

L - Laboratory Control Sample and/or Laboratory Control Sample Duplicate recover was above the acceptance limits. Analyte not detected, data not impacted.

C - Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.

1,1,2,2-PCA - 1,1,2,2-tetrachloroethane

1,1,1-TCA - 1,1,1-trichloroethane

1,1,2-TCA - 1,1,2-trichloroethane

1,1-DCA - 1,1-dichloroethane

1,1-DCE - dichloroethene

1,2-DCA - 1,2-dichloroethane

BFM - Bromoform

CFM - Chloroform

cis-1,2-DCE - cis-1,2-dichloroethene

trans-1,2-DCE - trans-1,2-dichloroethene

CMT - Chloromethane

DFM - Dichlorodifluoromethane

MC - Methylene chloride

PCE - Tetrachloroethene

TCE - Trichloroethene

TFM - Trichlorofluoromethane

VC - Vinyl Chloride

TABLE 4
HISTORIC METALS GROUNDWATER ANALYTICAL RESULTS

Well Number / Dates	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Chromium, Hexavalent	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NPDES	14	50	NE	4	2.4	50	6	NE	9.4	2.6	0.05	NE	52	5	4	1.7	NE	122
MCL	6	10	1,000	4	5	50	0.02	NE	1,000	15	2	NE	100	50	100	2	NE	5,000
W2 Jun-11	<2	2.3	100	<0.5	<1	440	<1	5	12	<1	<0.2	26	42	21	<1	<1	19	<20
W3 Mar-10 Jun-11	0.57 J <2	15 2.2	190 100	0.18 J <0.5	0.55 J <1	2,700 B-1 170 (MHA)	3.8 21	25 5.9	110 7	3.5 <1	0.13 J <0.2	46 25	770 350 (MHA)	24 33	0.18 J <1	<1.0 <1	58 5	40 26
W4 Jun-11	<2	47	520	<0.5	1.3	12,000	<1	15	280	1.4	<0.2	100	520	16	<1	<1	130	<20
W5 Jun-11	<2	7.9	160	<0.5	<1	6,700	<1	27	96	<1	<0.2	81	750	15	<1	<1	33	<20
W6 Jun-11	<2	1.9	100	<0.5	<1	45	<1	<1	3.6	<1	<0.2	32	8.3	18	<1	<1	7.2	<20
W7 Jun-11	<2	2.5	55	<0.5	<1	280 (MHA)	<1	4.2	3.8	<1	<0.2	25	120	25	<1	<1	3.2	51
W8 Jun-11	<2	1.2	64	<0.5	<1	160	16	7.5	5.3	<1	<0.2	16	48	33	<1	<1	6.8	<20
W9 Mar-10 Dec-10 Jun-11	<2 <2 <2	1.2 2.1 <1	34 73 38	<0.50 ,C <0.50 <0.5	<1 0.12 J <1	86 B-1 66 51	65 20 24	0.93 J 1.3 <1	2.2 3.3 2.1	0.79 J 0.99 J <1	0.24 <0.2 <0.2	7.2 18 6.3	19 14 8.9	21 22 23	<1 <1 <1	<1 <1 <1	4.2 8.9 5	6.8 J 36 30
W10 Jun-11	<2	2	93	<0.5	<1	110	<1	2.2	21	1.6	<0.2	18	20	19	<1	<1	11	27
W11 Jun-11	<2	<1	240	<0.5	<1	580	46	2.1	2.9	<1	<0.2	35	130	4.3	<1	<1	20	<20
W13 Jun-11	<2	<1	70	<0.5	<1	17	6.5	<1	8.9	2.4	<0.2	12	4.3	17	<1 C	<1	8.6	43
W14 Jun-10 Dec-10 Jun-11 Jun-11 Dup	<2 0.41 J <2 <2	6.2 9.7 2.1 2.2	91 100 77 77	<0.50 <0.50 <0.5 <0.5	0.36 J 0.31 J <1 <1	300 320 MHA 77 78	<1 1.4 <1 1.1	1.8 1.6 1 1	23 16 6.2 6.1	3.0 4.3 2.1 2.2	<0.2 0.14 J <0.2 <0.2	19 21 19 19	71 44 24 24	15 12 12 12	0.17 J 0.12 J <1 <1	0.25 J 28 11 12	22 31 <20 <20	
W15 Jun-11	<2	3.2	82	<0.5	<1	250	<1	1.8	15	<1	<0.2	9.4	63	11	<1	<1	19	22

TABLE 4
HISTORIC METALS GROUNDWATER ANALYTICAL RESULTS

Well Number / Dates	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Chromium, Hexavalent	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
W17																		
Mar-10	<2	1.1	80	<0.50 ,C	0.15 J	26 B-1	1.8	0.94 J	2.1	<1	<0.2	11	72	31	<1	<1	6.3	14
Dec-10	<2	0.93 J	75	<0.50	0.18 J	16	4	0.78 J	2.6	0.29 J	<0.2	11	42	27	<1	<1	6.3	<10
Jun-11	<2	<1	76	<0.5	<1	13	5.2	<1	<2	<1	<0.2	14	45	32	<1	<1	5.1	<20
W18																		
Jun-11	<2	<1	70	<0.5	<1	16	<1	<1	4.2	<1	0.37	29	6.5	9.9	<1	<1	6.8	<20
W19																		
Jun-11	<2	1.1	38	<0.5	<1	44	2.2	1.3	5.4	<1	<0.2	24	90	6.3	<1	<1	10	<20
Jun-11 Dup	<2	1.3	38	<0.5	<1	54	2.2	1.3	6.6	<1	<0.2	24	91	6.1	<1	<1	10	<20
W20																		
Jun-10	<2	1.1	54	<0.50	<1	9.8	0.28 J	0.98 J	3.3	<1	<0.2 ,C	14	6.9	41	<1	<1	6.3	18
Jun-11	<2	<1 C	60	<0.5	<1	6.8	<1	1.1	<2	<1	<0.2	15	11	44	<1	<1	6.7	<20
Jun-11 Dup	<2	<1	50	<0.5	<1	7.6	<1	1	<2	<1	<0.2	13	10	39	<1	<1	5.8	<20
W21																		
Jun-11	<2	15	59	<0.5	<1	5.5	<1	<1	2.1	1.4	<0.2	22	2.4	<2	<1	<1	3.1	<20
W22																		
Jun-11	<4 (RL1)	8	73	<1 RL1	<2 RL1	59	<1	<2 RL1	4.1	2.4	<0.2	24	18	15	<2 RL1	<2 RL1	25	<40 RL1
W23																		
Jun-11	<2	2.2	49	<0.5	<1	13	<1	<1	2.5	1.8	<0.2	20	3.9	2	<1	<1	17	<20
W24																		
Mar-10	<2	10	110	<0.50 ,C	0.23 J	1,000 B-1	4.2	8.1	12	0.79 J	<0.2	21	83	19	<1	<1	18	<10
Jun-10	<2	6.5	84	<0.50	0.27 J	480	4.2	3.7	9.0	0.72 J	<0.2	22	34	18	<1	0.49 J	21	<10
Jun-10 Dup	1.4 J	15	170	<0.50	0.48 J	1.7 J	4.1	0.91 J	5.9	1.0	<0.2 ,C	240	5.1	92	<1	1.3	65	40
Dec-10	<2	11	110	<0.50	0.38 J	1,000	3.9	7.5	12	1.0	<0.2	22	57	16	<1	<1	38	9.1 J
Dec-10 Dup	<2	14	120	<0.50	0.41 J	1,200	NA	9.4	13	1.1	<0.2	22	65	16	<1	<1	46	11
Jun-11	<10 (RL1)	13	210	<2.5 RL1	<5 RL1	5,200	3.6	27	49 B-1	<5 RL1	<0.2	54	680	27	<5 RL1	<5 RL1	110	<100 RL1
Jun-11 Dup	<10 (RL1)	16	190	<2.5 RL1	<5 RL1	4,800	3.2	24	58 B-1	<5 RL1	<0.2	47	600	21	<5 RL1	<5 RL1	96	<100 RL1
W25																		
Jun-11	<2	<1	72	<0.5	<1	16	6.4	<1	<2	<1	<0.2	15	7.5	6.3	<1	<1	5.8	<20
EW1																		
Jun-08	<20	<20	81.4	<5	<5	51	10	<5	<10	<10	<0.2	<10	42.6	<20	<20	<100	<10	<40
Jul-08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.14	NA	NA	NA	NA	NA
Apr-09	<1	2.2	NA	<1	<1	43.9, B	12	NA	5.5	0.261	0.091	NA	22.5	8.79	0.0201	0.0542	NA	205
Mar-10	<2	1.7	130	0.18 J	<1	24	8.6	4.1	6.4	3.5	0.29	6.1	12	11	<1	<1	17	15

TABLE 4
HISTORIC METALS GROUNDWATER ANALYTICAL RESULTS

Well Number / Dates	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Chromium, Hexavalent	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Dec-10	<2	1.1	110	<0.50	<1	23	1.5	3.1	4.9	0.76 J	<0.2	16	9.9	24	0.13 J	<1	9.7	8.5 J
Jun-11	<2	1.3	96	<0.5	<1	28	4	2.8	4.8	<1	<0.2	12	15	12	<1	<1	11	<20
EW2																		
Jun-08	<20	<20	79.7	<5	<5	43.2	3.3	<5	13.5	<10	<0.2	<10	29.8	<20	<20	<100	<10	<40
Jul-08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.1	NA	NA	NA	NA	NA
Apr-09	<1	4.71	NA	<1	<1	1,010, B	5.7	NA	72.4	<1	<0.5	NA	267	19.2	<1	<1	NA	196
Mar-10	<2	1.4	79	<0.50	<1	110	5.4	1.6	8.9	0.30 J	<0.2	20	62	19	<1	0.21 J	12	6.4 J
Dec-10	<2	5.8	130	0.11 J	0.21 J	440	2.3	40	15	1.5	<0.2	25	110	21	0.34 J	<1	20	12
Jun-11	<2	19	230	<0.5	<1	8100	1.8	89	140	2.9	0.37	49	1000	21	<1	<1	93	28
EW3																		
Jun-08	<20	<20	80.5	<5	<5	181	16	<5	23.4	<10	<0.2	<10	125	<20	<20	<100	<10	<40
Jul-08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.28	NA	NA	NA	NA	NA
Apr-09	<1	3.38	NA	<1	<1	27.9, B	3.8	NA	7.26	<1	<0.5	NA	13.9	23.6	<1	<1	NA	244
Mar-10	0.30 J	1.2	120	0.44 J	<1	58	3.1	1.8	13	9.6	0.23	11	18	22	<1	<1	11	32
Dec-10	<2	1.7	86	<0.50	<1	200	<1	3.7	37	0.69 J	0.13 J	15	72	26	<1	<1	4.9	4.3 J
Jun-11	<4 (RL1)	<2 RL1	100 M1	1	<2 RL1	290 M1	<1	3.7	41 B-1	2.8	<0.2	21	52	28	<2 RL1	<2 RL1	9.8	<40 RL1
EW4																		
Jun-08	<20	<20	78.7	<5	<5	82.3	16	<5	<10	<10	<0.2	<10	41	<20	<20	<100	<10	<40
Jul-08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.3	NA	NA	NA	NA	NA
Apr-09	<1	3.61	NA	<1	<1	216, B	11	NA	20.9	<1	<0.5	NA	104	17.7	<1	<1	NA	229
Mar-10	0.57 J	<1	37	<0.50	<1	13	1.8	0.66 J	4.0	0.25 J	<0.2	18	67	4.2	<1	<1	4.0	25
Dec-10	<2	<1	67	<0.50	0.13 J	360	5.9 J	4.7	8.8	0.30 J	<0.2	41	56	23	<1	<1	<2	5.6 J
Jun-11	<2	1	53	<0.5	<1	24	5.7	<1	<2	<1	<0.2	32	6.1	4.5	<1	<1	7.3	<20
PZ-1																		
Jun-11	<2	2.9	81	<0.5	<1	26	<1	3.6	13	3.8	<0.2	5.2	10	2.6	<1	<1	21	66
PZ-2																		
Jun-11	<2	18	400	3	<1	140	<1	30	53	47	0.72	8.3	66	8.3	<1	<1	110	530
PZ-3																		
Jun-11	<4 (RL1)	20	1200	5.3	<2 RL1	490	1.2	100	210	97	14	9.2	350	7.6	15	<2 RL1	220	390
PZ-4																		
Jun-11	<2	1.1	86	<0.5	<1	97	3.4	1.7	5.7	<1	<0.2	14	23	18	<1	<1	7.8	<20
PZ-5																		
Jun-11	<4 (RL1)	4.2	150	<1 RL1	<2 RL1	110	1.1	7.2	10	4.5	0.23	28	77	27	<2 RL1	<2 RL1	21	40
PZ-6																		
Jun-11	<2	1.1	75	<0.5	<1	20	3.7	2.5	5.7	1.5	0.24	15	7.8	9.6	<1	<1	14	<20

TABLE 4
HISTORIC METALS GROUNDWATER ANALYTICAL RESULTS

Well Number / Dates	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Chromium, Hexavalent	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
PZ-7 Jun-11	<2	3.5	92	<0.5	<1	38	2.3	5.4	15	4.8	0.25	14	15	13	<1	<1	33	36

NPDES - National Pollutant Discharge Elimination System General Permit Requirements, R4-2007-0022

MCL - Maximum Contaminant Level

MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike LCS

C - Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.

RL1 - Reporting limit raised due to sample matrix effects.

M1 - The MS and/or MSD was above the acceptance limits due to sample matrix interference. See Blank Spike LCS.

B-1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.

B - Analyte was present in the associated method blank.



ATTACHMENT C

TABLE 38 FROM THE 1992 SOIL INVESTIGATIONS AND REMEDIATION REPORT

TABLE 38
SOIL CONFIRMATION SAMPLING ANALYTICAL RESULTS

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-1	ND	400	650	ND	ND	ND	NA	8.5 ^(b)	18	19	17	46
CS-2	ND	7.1	ND	ND	ND	ND	NA	ND	31	17	15	46
CS-3	ND	90	ND	ND	ND	ND	NA	ND	35	22	21	57
CS-4	ND	65	ND	ND	ND	ND	NA	ND	1,000	98	110	150
CS-5	ND	60	ND	ND	ND	ND	NA	ND	62	16	31	50
CS-6	ND	38	ND	16	ND	ND	NA	ND	16,000	76	94	140
CS-7	ND	ND	ND	ND	ND	ND	NA	ND	560	24	29	65
CS-8	ND	ND	ND	ND	ND	ND	NA	ND	330	19	20	44
CS-9	ND	ND	ND	ND	52	ND	NA	240 ^(c)	50,000	31	ND	750
CS-10	ND	46	ND	52	10	14	NA	ND	290	29	27	190
CS-11	ND	23	ND	ND	ND	6	NA	ND	37	37	21	52
CS-12	ND	18	ND	ND	ND	ND	NA	ND	320	25	32	59
CS-13	ND	150	10	19	ND	9	NA	ND	840	21	21	68
CS-14	300	440,000	1,000	800	1,100	2,100	NA	ND	520	10	10	15
CS-15	NA	NA	NA	NA	NA	NA	NA	NA	20	15	13	40
CS-16 ^(a)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
CS-17 ^(a)	ND	ND	ND	ND	ND	ND	ND	215 ^(d)	NA	NA	NA	NA
CS-18	ND	ND	ND	ND	ND	ND	NA	19 ^(e)	NA	NA	NA	NA
CS-19	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010							Metals Concentration in mg/kg - EPA Methods 6010/7000				
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-20	NA	NA	NA	NA	NA	NA	NA	NA	16	14	10	38
CS-21	NA	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA
CS-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	NA	NA
CS-23	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA
CS-24	NA	NA	NA	NA	NA	NA	NA	NA	NA	240	NA	NA
CS-25	NA	NA	NA	NA	NA	NA	NA	NA	14	17	31	47
CS-26	NA	NA	NA	NA	NA	NA	NA	NA	NA	21	NA	NA
CS-27	NA	NA	NA	NA	NA	NA	NA	NA	NA	21	NA	NA
CS-28	NA	NA	NA	NA	NA	NA	NA	NA	NA	30	NA	NA
CS-29	NA	NA	NA	NA	NA	NA	NA	NA	21	20	16	49
CS-30	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	NA	NA
CS-31 ^(a)	ND	ND	ND	18	ND	ND	ND	5 ^(f)	NA	NA	NA	NA
CS-32	ND	ND	ND	ND	21	ND	NA	ND	NA	NA	NA	NA
CS-33	ND	ND	ND	ND	23	ND	NA	ND	NA	NA	NA	NA
CS-34 ^(a)	ND	ND	ND	ND	ND	ND	ND	130 ^(g)	10,000	67	6.4	79
CS-35 ^(a)	ND	ND	ND	ND	ND	ND	ND	157 ^(h)	NA	NA	NA	NA
CS-36 ^(a)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
CS-37 ^(a)	ND	ND	ND	6.6	ND	ND	ND	ND	NA	NA	NA	NA
CS-38	ND	ND	ND	17	20	ND	NA	ND	NA	NA	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-39	ND	ND	ND	17	17	ND	NA	ND	NA	NA	NA	NA
CS-40	ND	ND	ND	ND	ND	ND	NA	ND	23	NA	NA	NA
CS-41	ND	ND	ND	11	ND	ND	NA	ND	21	NA	NA	NA
CS-42	ND	27	ND	25	7.3	13	NA	ND	20	NA	NA	NA
CS-43	ND	ND	ND	11	9.2	ND	NA	ND	21	NA	NA	NA
CS-44	ND	ND	ND	99	11	ND	NA	ND	NA	NA	NA	NA
CS-45	ND	ND	ND	150	13	11	NA	ND	NA	NA	NA	NA
CS-46	ND	ND	ND	22	10	ND	NA	ND	NA	NA	NA	NA
CS-47	ND	ND	ND	10	11	ND	NA	ND	NA	NA	NA	NA
CS-48	ND	ND	ND	31	12	ND	NA	ND	NA	NA	NA	NA
CS-49	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-50	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-51	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-52	ND	ND	12	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-53	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-54	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-55	ND	ND	ND	23	ND	ND	NA	22 ⁽¹⁾	NA	NA	NA	NA
CS-56	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-57	100	530	ND	19,000	72	290	NA	195 ⁽¹⁾	NA	NA	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-58	NA	NA	NA	NA	NA	NA	NA	NA	54	NA	NA	NA
CS-59	NA	NA	NA	NA	NA	NA	NA	NA	19	NA	NA	NA
CS-60	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA
CS-61	NA	NA	NA	NA	NA	NA	NA	NA	26	NA	NA	NA
CS-62 ^(a)	ND	ND	ND	850	ND	ND	95	20,880 ^(k)	NA	NA	NA	NA
CS-63	ND	ND	ND	17	ND	ND	NA	ND	NA	NA	NA	NA
CS-64	ND	ND	ND	190	ND	ND	NA	ND	NA	NA	NA	NA
CS-65	ND	ND	ND	220	ND	ND	NA	ND	NA	NA	NA	NA
CS-66	ND	ND	ND	17	ND	ND	NA	ND	NA	NA	NA	NA
CS-67	ND	ND	ND	130	ND	7.9	NA	ND	NA	NA	NA	NA
CS-68	ND	ND	ND	14	ND	ND	NA	ND	NA	NA	NA	NA
CS-69	ND	ND	ND	47	ND	ND	NA	ND	NA	NA	NA	NA
CS-70	ND	ND	ND	41	ND	ND	NA	ND	NA	NA	NA	NA
CS-71	ND	ND	ND	19	ND	ND	NA	ND	NA	NA	NA	NA
CS-72	8.9	ND	ND	270	ND	8.2	NA	ND	NA	NA	NA	NA
CS-73	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-74	17	ND	ND	500	ND	ND	NA	ND	NA	NA	NA	NA
CS-75	ND	33	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-76	ND	320	140	20	ND	280	NA	ND	NA	NA	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-77	ND	9.6	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-78	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-79	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-80	ND	41	ND	ND	ND	ND	NA	ND	13	NA	NA	NA
CS-81	130	160	ND	ND	ND	ND	NA	13 ^(l)	21	NA	NA	NA
CS-82	NA	NA	NA	NA	NA	NA	NA	NA	21	14	16	55
CS-83	NA	NA	NA	NA	NA	NA	NA	NA	27	10	120	52
CS-84	NA	NA	NA	NA	NA	NA	NA	NA	90	8	16	56
CS-85	NA	NA	NA	NA	NA	NA	NA	NA	20	11	16	49
CS-86	NA	NA	NA	NA	NA	NA	NA	NA	32	NA	NA	NA
CS-87	NA	NA	NA	NA	NA	NA	NA	NA	130	NA	NA	NA
CS-88	NA	NA	NA	NA	NA	NA	NA	NA	16	NA	NA	NA
CS-89	NA	NA	NA	NA	NA	NA	NA	NA	560	NA	NA	NA
CS-90	ND	ND	ND	ND	ND	ND	NA	ND	22	NA	NA	NA
CS-91	12	38	7.2	68	ND	6.2	NA	27 ^(m)	17	NA	NA	NA
CS-92	NA	NA	NA	NA	NA	NA	NA	NA	25	NA	NA	NA
CS-93	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA	NA
CS-94	ND	17	ND	ND	ND	ND	NA	ND	150	NA	NA	NA
CS-95	31	830	ND	13	ND	ND	NA	15 ⁽ⁿ⁾	220	NA	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010							Metals Concentration in mg/kg - EPA Methods 6010/7000				
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-96	ND	20	ND	630	ND	21	NA	37 ^(o)	NA	NA	NA	NA
CS-97	ND	ND	ND	82	ND	ND	NA	ND	NA	NA	NA	NA
CS-98	ND	ND	ND	43	ND	ND	NA	ND	NA	NA	NA	NA
CS-99	ND	2,300	176	75	ND	540	NA	12 ^(p)	NA	NA	NA	NA
CS-100 ^(a)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
CS-101 ^(a)	ND	ND	ND	45	ND	ND	ND	350 ^(q)	NA	NA	NA	NA
CS-102 ^(a)	80	ND	ND	28,000	ND	1,400	12,000	270,160 ^(r)	NA	NA	NA	NA
CS-103 ^(a)	ND	ND	5	220	ND	ND	13	1,224 ^(s)	NA	NA	NA	NA
CS-104 ^(a)	14	ND	5	2,200	ND	48	130	25,294 ^(t)	NA	NA	NA	NA
CS-105	ND	ND	ND	55	ND	8	NA	ND	NA	NA	NA	NA
CS-106 ^(a)	ND	10	ND	ND	ND	ND	ND	130 ^(u)	16	18	NA	NA
CS-107 ^(a)	13	70	7	ND	ND	ND	ND	100 ^(v)	18	24	NA	NA
CS-108 ^(a)	ND	58	11	ND	ND	ND	ND	73 ^(w)	28	30	NA	NA
CS-109 ^(a)	ND	30	ND	ND	ND	ND	ND	72 ^(x)	95	38	NA	NA
CS-110 ^(a)	ND	130	20	ND	ND	ND	ND	69 ^(y)	38	28	NA	NA
CS-111	ND	530	46	ND	ND	ND	NA	17 ^(z)	13	NA	NA	NA
CS-112	ND	120	ND	ND	ND	ND	NA	ND	52	NA	NA	NA
CS-113	ND	59	ND	ND	ND	ND	NA	ND	21	NA	NA	NA
CS-114	ND	840	27	ND	ND	ND	NA	28 ^(aa)	18	NA	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010							Metals Concentration in mg/kg - EPA Methods 6010/7000				
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-115	ND	91	ND	ND	ND	ND	NA	ND	19	NA	NA	NA
CS-116 ^(a)	86	22	6.8	1,700	1,000	ND	240	16,820 ^(bb)	NA	NA	NA	NA
CS-117	NA	NA	NA	NA	NA	NA	NA	NA	3,700	NA	NA	NA
CS-118	NA	NA	NA	NA	NA	NA	NA	NA	14,000	NA	NA	NA
CS-119	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA
CS-120	NA	NA	NA	NA	NA	NA	NA	NA	21	NA	NA	NA
CS-121	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA
CS-122	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA	NA
CS-123	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA
CS-124	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA	NA
CS-125	NA	NA	NA	NA	NA	NA	NA	NA	19	NA	NA	NA
CS-126 ^(a)	ND	ND	ND	1,000	ND	ND	ND	35,000 ^(cc)	NA	NA	NA	NA
CS-127 ^(a)	6	6	13	570	380	ND	10	1,983 ^(dd)	NA	NA	NA	NA
CS-128 ^(a)	ND	ND	ND	ND	ND	ND	ND	ND	16	NA	NA	NA
CS-129 ^(a)	17	ND	5	300	ND	ND	ND	26.4 ^(ee)	29	NA	NA	NA
CS-130	ND	66	44	ND	ND	53	ND	ND	NA	NA	NA	NA
CS-131	ND	60	32	ND	ND	ND	NA	8.5 ^(ff)	NA	NA	NA	NA
CS-132	ND	100	29	ND	ND	ND	NA	7.2 ^(gg)	NA	NA	NA	NA
CS-133	ND	9.7	5.1	ND	ND	ND	NA	ND	NA	NA	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-134	ND	30	32	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-135	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-136 ^(a)	64	ND	11	860	1,300	ND	ND	352 ^(hh)	NA	NA	NA	NA
CS-137 ^(a)	210	61	15	2,600	1,200	ND	ND	1,418 ^(ff)	NA	NA	NA	NA
CS-138	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	NA
CS-139	NA	NA	NA	NA	NA	NA	NA	NA	23	NA	NA	NA
CS-140	NA	NA	NA	NA	NA	NA	NA	NA	26	NA	NA	NA
CS-141 ^(a)	ND	ND	ND	8,900	ND	ND	ND	2,800 ^(ff)	NA	NA	NA	NA
CS-142 ^(a)	ND	ND	ND	400	ND	ND	ND	ND	NA	NA	NA	NA
CS-143	ND	ND	ND	14	ND	ND	NA	ND	NA	NA	NA	NA
CS-144	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-145	ND	ND	ND	20	ND	ND	NA	ND	NA	NA	NA	NA
CS-146	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-147	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-148	ND	ND	ND	7.8	ND	ND	NA	ND	NA	NA	NA	NA
CS-149	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-150	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-151	NA	NA	NA	NA	NA	NA	NA	NA	1,100	NA	NA	NA
CS-152	NA	NA	NA	NA	NA	NA	NA	NA	4,000	NA	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010							Metals Concentration in mg/kg - EPA Methods 6010/7000				
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-153	NA	NA	NA	NA	NA	NA	NA	NA	1,900	NA	NA	NA
CS-154	NA	NA	NA	NA	NA	NA	NA	NA	3,100	NA	NA	NA
CS-155	NA	NA	NA	NA	NA	NA	NA	NA	1,800	NA	NA	NA
CS-156	NA	NA	NA	NA	NA	NA	NA	NA	1,100	NA	NA	NA
CS-157	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA
CS-158	NA	NA	NA	NA	NA	NA	NA	NA	21	NA	NA	NA
CS-159	NA	NA	NA	NA	NA	NA	NA	NA	12	NA	NA	NA
CS-160	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA	NA
CS-161	NA	NA	NA	NA	NA	NA	NA	NA	23	NA	NA	NA
CS-162	NA	NA	NA	NA	NA	NA	NA	NA	8	NA	NA	NA
CS-163	NA	NA	NA	NA	NA	NA	NA	NA	6	NA	NA	NA
CS-164	NA	NA	NA	NA	NA	NA	NA	NA	3	NA	NA	NA
CS-165	NA	NA	NA	NA	NA	NA	NA	NA	5	NA	NA	NA
CS-166	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	NA
CS-167	NA	NA	NA	NA	NA	NA	NA	NA	4	NA	NA	NA
CS-168	NA	NA	NA	NA	NA	NA	NA	NA	2	NA	NA	NA
CS-169	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA
CS-170	ND	ND	ND	ND	ND	ND	NA	ND	15,000	19	ND	110
CS-171	ND	ND	ND	ND	ND	ND	NA	ND	31	39	14	43

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-172	NA	NA	NA	NA	NA	NA	NA	NA	77	NA	NA	NA
CS-173	NA	NA	NA	NA	NA	NA	NA	NA	51	NA	NA	NA
CS-174	NA	NA	NA	NA	NA	NA	NA	NA	56	NA	NA	NA
CS-175	NA	NA	NA	NA	NA	NA	NA	NA	2,700	NA	NA	NA
CS-176	NA	NA	NA	NA	NA	NA	NA	NA	49	NA	NA	NA
CS-177	NA	NA	NA	NA	NA	NA	NA	NA	33	NA	NA	NA
CS-178	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA
CS-179	NA	NA	NA	NA	NA	NA	NA	NA	12	NA	NA	NA
CS-180	ND	10	ND	ND	7.4	ND	NA	ND	NA	NA	NA	NA
CS-181	NA	NA	NA	NA	NA	NA	NA	NA	99	NA	NA	NA
CS-182	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA	NA
CS-183	NA	NA	NA	NA	NA	NA	NA	NA	84	NA	NA	NA
CS-184	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA	NA
CS-185	NA	NA	NA	NA	NA	NA	NA	NA	34	NA	NA	NA
CS-186	ND	ND	ND	ND	ND	ND	NA	ND	NA	58	NA	NA
CS-187	NA	NA	NA	NA	NA	NA	NA	NA	1,800	NA	NA	NA
CS-188	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	NA
CS-189	ND	ND	ND	ND	ND	ND	NA	ND	NA	14	NA	NA
CS-190	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-191	NA	NA	NA	NA	NA	NA	NA	NA	290	NA	NA	NA
CS-192	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA
CS-193	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	NA	NA
CS-194	NA	NA	NA	NA	NA	NA	NA	NA	NA	630	NA	NA
CS-195	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	NA	NA
CS-196	NA	NA	NA	NA	NA	NA	NA	NA	NA	190	NA	NA
CS-197	NA	NA	NA	NA	NA	NA	NA	NA	NA	790	NA	NA
CS-198	NA	NA	NA	NA	NA	NA	NA	NA	NA	24	NA	NA
CS-199	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA
CS-200	NA	NA	NA	NA	NA	NA	NA	NA	NA	18	NA	NA
CS-201	NA	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA
CS-202	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA
CS-203	NA	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA
CS-204	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA
CS-205	NA	NA	NA	NA	NA	NA	NA	NA	NA	17	NA	NA
CS-206	NA	NA	NA	NA	NA	NA	NA	NA	NA	16	NA	NA
CS-207	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA
CS-208	NA	NA	NA	NA	NA	NA	NA	NA	NA	24	NA	NA
CS-209	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-210	NA	NA	NA	NA	NA	NA	NA	NA	NA	850	NA	NA
CS-211	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	NA	NA
CS-212	NA	NA	NA	NA	NA	NA	NA	NA	NA	8	NA	NA
CS-213	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA
CS-214	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	NA	NA
CS-215	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	NA	NA
CS-216	NA	NA	NA	NA	NA	NA	NA	NA	NA	26	NA	NA
CS-217	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	NA	NA
CS-218	NA	NA	NA	NA	NA	NA	NA	NA	NA	8	NA	NA
CS-219	NA	NA	NA	NA	NA	NA	NA	NA	NA	18	NA	NA
CS-220	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA
CS-221	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	NA	NA
CS-222	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	NA	NA
CS-223	NA	NA	NA	NA	NA	NA	NA	NA	NA	190	NA	NA
CS-224	NA	NA	NA	NA	NA	NA	NA	NA	NA	17	NA	NA
CS-225	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	NA	NA
CS-226	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA
CS-227	NA	NA	NA	NA	NA	NA	NA	NA	NA	750	NA	NA
CS-228	NA	NA	NA	NA	NA	NA	NA	NA	NA	33	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-229	NA	NA	NA	NA	NA	NA	NA	NA	350	NA	NA	NA
CS-230	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	NA
CS-231	NA	NA	NA	NA	NA	NA	NA	NA	25	NA	NA	NA
CS-232	NA	NA	NA	NA	NA	NA	NA	NA	24	NA	NA	NA
CS-233	NA	NA	NA	NA	NA	NA	NA	NA	28	NA	NA	NA
CS-234	NA	NA	NA	NA	NA	NA	NA	NA	620	NA	NA	NA
CS-235	NA	NA	NA	NA	NA	NA	NA	NA	640	NA	NA	NA
CS-236	NA	NA	NA	NA	NA	NA	NA	NA	720	NA	NA	NA
CS-237	NA	NA	NA	NA	NA	NA	NA	NA	16	NA	NA	NA
CS-238	NA	NA	NA	NA	NA	NA	NA	NA	52	NA	NA	NA
CS-239	NA	NA	NA	NA	NA	NA	NA	NA	16	NA	NA	NA
CS-240	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA	NA
CS-241	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA	NA
CS-242	NA	NA	NA	NA	NA	NA	NA	NA	24	NA	NA	NA
CS-243	NA	NA	NA	NA	NA	NA	NA	NA	12	NA	NA	NA
CS-244	NA	NA	NA	NA	NA	NA	NA	NA	26	NA	NA	NA
CS-245	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA
CS-246	NA	NA	NA	NA	NA	NA	NA	NA	18	NA	NA	NA
CS-247	NA	NA	NA	NA	NA	NA	NA	NA	18	NA	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-248	NA	NA	NA	NA	NA	NA	NA	NA	NA	19	NA	NA
CS-249	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA
CS-250	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA
CS-251	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	NA	NA
CS-252	NA	NA	NA	NA	NA	NA	NA	NA	NA	540	NA	NA
CS-253	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA
CS-254	NA	NA	NA	NA	NA	NA	NA	NA	NA	18	NA	NA
CS-255	NA	NA	NA	NA	NA	NA	NA	NA	NA	25	NA	NA
CS-256	NA	NA	NA	NA	NA	NA	NA	NA	NA	33	NA	NA
CS-257	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA
CS-258	NA	NA	NA	NA	NA	NA	NA	NA	NA	21	NA	NA
CS-259	NA	NA	NA	NA	NA	NA	NA	NA	NA	18	3,800	9.1
CS-260	NA	NA	NA	NA	NA	NA	NA	NA	NA	260	NA	NA
CS-261	NA	NA	NA	NA	NA	NA	NA	NA	NA	37	NA	NA
CS-262	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	NA	NA
CS-263	NA	NA	NA	NA	NA	NA	NA	NA	NA	18	NA	NA
CS-264	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA
CS-265	NA	NA	NA	NA	NA	NA	NA	NA	NA	19	NA	NA
CS-266	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-267	NA	NA	NA	NA	NA	NA	NA	NA	NA	21	NA	NA
CS-268	NA	NA	NA	NA	NA	NA	NA	NA	NA	16	NA	NA
CS-269	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA
CS-270	NA	NA	NA	NA	NA	NA	NA	NA	NA	18	NA	NA
CS-271	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA
CS-272	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	NA	NA
CS-273	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	NA	NA
CS-274	NA	NA	NA	NA	NA	NA	NA	NA	NA	27	NA	NA
CS-275	NA	NA	NA	NA	NA	NA	NA	NA	NA	49	NA	NA
CS-276	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	NA	NA
CS-277	NA	NA	NA	NA	NA	NA	NA	NA	NA	280	NA	NA
CS-278	NA	NA	NA	NA	NA	NA	NA	NA	NA	26	NA	NA
CS-279	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	NA	NA
CS-280	NA	NA	NA	NA	NA	NA	NA	NA	NA	19	NA	NA
CS-281	NA	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA
CS-282	NA	NA	NA	NA	NA	NA	NA	NA	NA	7	NA	NA
CS-283	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA
CS-284	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	NA	NA
CS-285	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-286	NA	NA	NA	NA	NA	NA	NA	NA	NA	140	NA	NA
CS-287	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	NA	NA
CS-288	NA	NA	NA	NA	NA	NA	NA	NA	NA	93	NA	NA
CS-289	NA	NA	NA	NA	NA	NA	NA	NA	NA	93	NA	NA
CS-290	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	NA	NA
CS-291	NA	NA	NA	NA	NA	NA	NA	NA	NA	77	NA	NA
CS-292	NA	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA
CS-293	NA	NA	NA	NA	NA	NA	NA	NA	NA	26	NA	NA
CS-294	NA	NA	NA	NA	NA	NA	NA	NA	NA	140	NA	NA
CS-295	NA	NA	NA	NA	NA	NA	NA	NA	NA	140	NA	NA
CS-296	NA	NA	NA	NA	NA	NA	NA	NA	NA	35	NA	NA
CS-297	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	NA	NA
CS-298	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA
CS-299	NA	NA	NA	NA	NA	NA	NA	NA	NA	88	NA	NA
CS-300	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	NA	NA
CS-301	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	NA	NA
CS-302	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	NA	NA
CS-303	NA	NA	NA	NA	NA	NA	NA	NA	NA	94	NA	NA
CS-304	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-305	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	NA	NA
CS-306	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	NA	NA
CS-307	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	NA	NA
CS-308	NA	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA
CS-309	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA
CS-310	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	NA	NA
CS-311	NA	NA	NA	NA	NA	NA	NA	NA	NA	17	NA	NA
CS-312	NA	NA	NA	NA	NA	NA	NA	NA	NA	24	NA	NA
CS-313	NA	NA	NA	NA	NA	NA	NA	NA	NA	21	NA	NA
CS-314	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA
CS-315	NA	NA	NA	NA	NA	NA	NA	NA	NA	24	NA	NA
CS-316	NA	NA	NA	NA	NA	NA	NA	NA	NA	25	NA	NA
CS-317	NA	NA	NA	NA	NA	NA	NA	NA	NA	25	NA	NA
CS-318	NA	NA	NA	NA	NA	NA	NA	NA	NA	35	NA	NA
CS-319	NA	NA	NA	NA	NA	NA	NA	NA	NA	24	NA	NA
CS-320	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA
CS-321	NA	NA	NA	NA	NA	NA	NA	NA	NA	24	NA	NA
CS-322	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	NA
CS-323	NA	NA	NA	NA	NA	NA	NA	NA	NA	400	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-324	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA
CS-325	NA	NA	NA	NA	NA	NA	NA	NA	NA	7	NA	NA
CS-326	NA	NA	NA	NA	NA	NA	NA	NA	NA	140	NA	NA
CS-327	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	NA	NA
CS-328	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	NA	NA
CS-329	NA	NA	NA	NA	NA	NA	NA	NA	NA	8	NA	NA
CS-330	ND	ND	ND	ND	ND	ND	NA	ND	NA	36	NA	NA
CS-331	ND	ND	ND	ND	ND	ND	NA	ND	NA	40	NA	NA
CS-332	ND	ND	ND	15	ND	ND	NA	ND	NA	61	NA	NA
CS-333	ND	ND	ND	ND	ND	ND	NA	ND	NA	44	NA	NA
CS-334	ND	ND	ND	ND	ND	ND	NA	ND	NA	79	NA	NA
CS-335	ND	ND	ND	ND	ND	ND	NA	ND	NA	47	NA	NA
CS-336	ND	ND	ND	ND	ND	ND	NA	ND	NA	48	NA	NA
CS-337	ND	ND	ND	ND	ND	ND	NA	ND	NA	46	NA	NA
CS-338	ND	ND	ND	ND	ND	ND	NA	ND	NA	39	NA	NA
CS-339	ND	ND	ND	ND	ND	ND	NA	ND	NA	46	NA	NA
CS-340	ND	ND	ND	ND	ND	ND	NA	ND	NA	40	NA	NA
CS-341	ND	ND	ND	ND	ND	ND	NA	ND	NA	45	NA	NA
CS-342	ND	ND	ND	ND	ND	ND	NA	ND	NA	36	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010							Metals Concentration in mg/kg - EPA Methods 6010/7000				
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-343	ND	ND	ND	ND	ND	ND	NA	ND	NA	270	NA	NA
CS-344	ND	ND	ND	ND	ND	ND	NA	ND	NA	37	NA	NA
CS-345	ND	ND	ND	ND	ND	ND	NA	ND	NA	35	NA	NA
CS-346	ND	ND	ND	ND	ND	ND	NA	ND	NA	32	NA	NA
CS-347	ND	ND	ND	ND	ND	ND	NA	ND	NA	40	NA	NA
CS-348	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA
CS-349	ND	ND	ND	ND	ND	ND	NA	ND	NA	37	NA	NA
CS-350	ND	ND	ND	ND	ND	ND	NA	ND	NA	33	NA	NA
CS-351	ND	ND	ND	ND	ND	ND	NA	ND	NA	33	NA	NA
CS-352	ND	ND	ND	ND	ND	ND	NA	ND	NA	31	NA	NA
CS-353	ND	ND	ND	110	ND	ND	NA	ND	NA	38	NA	NA
CS-354	ND	ND	ND	40	ND	ND	NA	ND	NA	31	NA	NA
CS-355	ND	ND	ND	26	ND	ND	NA	ND	NA	36	NA	NA
CS-356	ND	ND	ND	13	ND	ND	NA	ND	NA	28	NA	NA
CS-357	ND	ND	ND	ND	ND	ND	NA	ND	NA	37	NA	NA
CS-358	ND	ND	ND	ND	ND	ND	NA	ND	NA	51	NA	NA
CS-359	ND	ND	ND	ND	ND	ND	NA	ND	NA	46	NA	NA
CS-360	NA	NA	NA	NA	NA	NA	NA	NA	NA	39	NA	NA
CS-361	NA	NA	NA	NA	NA	NA	NA	NA	NA	43	NA	NA

TABLE 38 (continued)

Sample No.	VOC Concentration in µg/kg - EPA Method 8010								Metals Concentration in mg/kg - EPA Methods 6010/7000			
	1,1-DCE	1,1,1-TCA	1,1,2-TCA	TCE	MC	PCE	Toluene	Total Other	Cu	Cr	Pb	Zn
CS-362	NA	NA	NA	NA	NA	NA	NA	NA	NA	31	NA	NA
CS-363	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	NA	NA
CS-364	NA	NA	NA	NA	NA	NA	NA	NA	NA	96	NA	NA
CS-365	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	NA	NA
CS-366	NA	NA	NA	NA	NA	NA	NA	NA	NA	83	NA	NA
CS-367	NA	NA	NA	NA	NA	NA	NA	NA	NA	32	NA	NA
CS-368	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	NA	NA
CS-369	NA	NA	NA	NA	NA	NA	NA	NA	NA	36	NA	NA

NOTES:

- (a) Analyses by EPA Method 8240 (for VOC concentrations on table). CS-17 also analyzed for total recoverable petroleum hydrocarbons (TRPH, by Method 418.1), ND and PCBs (Method 8080), ND. CS-31 and CS-62 also analyzed for semi-volatile organics by EPA Method 8270 (ND).
- (b) 1,1-DCA, 8.5 ppb.
- (c) Chloroform, 170 ppb; carbon tetrachloride, 70 ppb.
- (d) Acetone, 190 ppb; 2-butanone, 120 ppb; xylenes (total), 5 ppb; EPA Method 418.1 for TRPH (non-detect); EPA Method 8080 for PCBs (non-detect).
- (e) P-Dichlorobenzene, 7 ppb; O-Dichlorobenzene, 12 ppb.
- (f) Xylenes (total), 5 ppb; EPA Method 8270 results, ND.
- (g) Acetone, 130 ppb.
- (h) Acetone, 100 ppb; carbon disulfide, 57 ppb.
- (i) Trans-1,2-DCE, 22 ppb.
- (j) 1,1-DCA, 58 ppb; trans-1,2-DCE, 79 ppb; chloroform, 16 ppb.
- (k) Acetone, 4,600 ppb; 2-butanone, 1,500 ppb; ethylbenzene, 780 ppb; xylenes (total), 14,000 ppb; EPA Method 8270 results, ND.
- (l) Trans-1,2-DCE, 13 ppb.
- (m) Trichlorofluoromethane, 10 ppb; trans-1,2-DCE, 17 ppb.
- (n) Trichlorofluoromethane, 15 ppb.
- (o) Trichlorofluoromethane, 37 ppb.
- (p) Trans-1,2-DCE, 12 ppb.

TABLE 38 (continued)

- (q) Xylenes (total), 350 ppb.
- (r) Cis-1,2-DCE, 160 ppb; xylenes (total), 270,000 ppb.
- (s) 1,1-DCA, 16 ppb; acetone, 570 ppb; Cis-1,2-DCE, 25 ppb; xylenes (total), 613 ppb.
- (t) 1,1-DCA, 41 ppb; acetone, 18,000 ppb; chlorobenzene, 8 ppb; Cis-1,2-DCE, 25 ppb; 2-hexanone, 260 ppb; MIBK, 160 ppb; xylenes (total), 6,800 ppb.
- (u) Xylenes (total), 130 ppb.
- (v) 1,1-DCA, 6 ppb; xylenes (total), 94 ppb.
- (w) Xylenes (total), 73 ppb.
- (x) Xylenes (total), 72 ppb.
- (y) 1,1-DCA, 8 ppb; xylenes (total), 61 ppb.
- (z) Trans-1,2-DCE, 17 ppb.
- (aa) Trans-1,2-DCE, 28 ppb.
- (bb) Acetone, 930 ppb; 2-butanone, 5,400 ppb; 1,1-DCA, 35 ppb; Cis-1,2-DCE, 74 ppb.
- (cc) Ethylbenzene, 2,000 ppb; xylenes (total), 33,000 ppb.
- (dd) 1,1-DCA, 20 ppb; 1,2-DCE, 5 ppb; ethylbenzene, 58 ppb; xylenes (total), 1,900 ppb.
- (ee) 1,1-DCA, 20 ppb; cis-1,2-DCE, 6.4 ppb.
- (ff) 1,1-DCA, 8.5 ppb.
- (gg) 1,1-DCA, 7.2 ppb.
- (hh) Chloroform, 6 ppb; 1,1-DCA, 53 ppb; 1,2-DCE, 13 ppb; xylenes (total), 280 ppb.
- (ii) Chloroform, 8 ppb; 1,1-DCA, 81 ppb; 1,2-DCE, 29 ppb; xylenes (total), 1,300 ppb.
- (jj) Xylenes (total), 2,800 ppb.

General Notes:

ND = Not detected, at detection limits in Appendix C

NA = Not analyzed

ppb = parts per billion

ppm = parts per million

VOCs = Volatile organic compounds

1,1-DCE = 1,1-Dichloroethene

1,1,1-TCA = 1,1,1-Trichloroethane

1,1,2-TCA = 1,1,2-Trichloroethane

TCE = Trichloroethene

MC = Methylene Chloride

PCE = Tetrachloroethene

Cu = Copper

Cr = Chromium

Pb = Lead

Zn = Zinc



ATTACHMENT D

TABLE 2 FROM THE 1998 CLOSURE REPORT FOR VADOSE ZONE SOIL

TABLE 2
HISTORICAL STATIC SOIL GAS SURVEY RESULTS

Well Number [Zone]	Total Depth (feet bgs)	Screened Interval (feet bgs)	Sample Date	Volatile Organic Compounds ($\mu\text{g/l}$) ^(a)							Fixed Gases ^(b)				
				1,1-DCA	1,1-DCE	Cis-1,2-DCE	1,1,1-TCA	TCE	PCE	Total VOCs ^(c)	Methane (ppmv)	Carbon Dioxide (%)	Oxygen (%)		
Z1-1 [1]	11 ^(d)	183 ^(d)	Apr 92 NS ^(e)	NA ^(f)	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	ND ^(g)	174.2	ND	237.5	2.6	ND	414	3.6	2.6	15.9		
			Sep 95	ND	46.4	ND	48.4	1.4	ND	96	28.3	0.34	8.7		
			Jan 96	ND	7.4	ND	77.6	4.7	ND	90	10.2	0.2	20.2		
			Apr 96	ND	1.4	ND	19.4	ND	ND	21	2.0	0.2	19.8		
			Jul 96	ND	ND	ND	20.5	ND	ND	21	ND	0.3	20.4		
			Jun 97	ND	ND	ND	13	1.7	1.3	16	ND	ND	19		
Z1-2 [1]	11 ^(d)	342 ^(d)	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	ND	317.7	8.4	111.8	54.9	1.1	494	2.7	0.05	NA		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	2.6	0.9	14.8		
			Sep 95	ND	3.1	ND	2.5	10.1	ND	16	3.3	0.30	17.2		
			Jan 96	ND	1.6	ND	ND	2.4	ND	4	ND	ND	20.1		
			Apr 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jul 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jun 97	ND	ND	ND	ND	1.2	ND	1	ND	ND	20		
Z1-3 [1]	11 ^(d)	375 ^(d)	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	4.9	91.5	1.7	24.2	13.1	1.8	137	2.3	NA	NA		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	0.9	1.0	16.9		
			Sep 95	ND	ND	ND	ND	ND	ND	ND	3.9	0.23	18.9		
			Jan 96	ND	ND	ND	ND	ND	ND	ND	1.3	0.2	19.5		
			Apr 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jul 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jun 97	ND	ND	ND	ND	ND	ND	ND	ND	ND	23		
Z1-4 [1]	11 ^(d)	103 ^(d)	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	ND	118.1	1.8	35.4	3.5	1.6	160	1.9	1.3	21.5		
			Sep 95	ND	ND	ND	ND	ND	ND	ND	2.9	0.51	19.4		
			Jan 96	ND	ND	ND	ND	ND	ND	ND	1.3	0.2	19.5		
			Apr 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jul 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jun 97	ND	ND	ND	ND	ND	ND	ND	ND	ND	21		
Detection Limit 1992 Survey				1.0	1.0	1.0	1.0	1.0	1.0		(h)	(h)	(h)		
Detection Limit 1993 through 1997 Survey				1.0	1.0	1.0	1.0	1.0	1.0		1.0 ^(h)	1.0 ^(h)	(h)		

TABLE 2
HISTORICAL STATIC SOIL GAS SURVEY RESULTS

Well Number [Zone]	Total Depth (feet bgs)	Screened Interval (feet bgs)	Sample Date	Volatile Organic Compounds ($\mu\text{g/l}$) ^(a)							Fixed Gases ^(b)				
				1,1-DCA	1,1-DCE	Cis-1,2-DCE	1,1,1-TCA	TCE	PCE	Total VOCs ^(c)	Methane (ppmv)	Carbon Dioxide (%)	Oxygen (%)		
Z2-1 [2]	25	5 - 25	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	ND	32.1	ND	10.1	ND	ND	42	NA	1.4	17.3		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	1.0	1.8	19.2		
			Sep 95	ND	1.8	ND	ND	ND	ND	2	3.7	1.02	18.1		
			Jan 96	ND	ND	ND	4.2	ND	ND	4	2.4	0.4	26.0		
			Apr 96	ND	ND	ND	ND	ND	ND	ND	1.7	0.2	20.1		
			Jul 96	ND	ND	ND	ND	ND	ND	ND	ND	0.2	20.8		
			Jun 97	ND	ND	ND	ND	ND	ND	ND	ND	1.6	17		
			Jun 97 Dup	ND	ND	ND	ND	ND	ND	ND	ND	1.1	17		
Z2-2 [2]	30	23 - 30	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	167.5	1,750.3	ND	1,594.4	13.6	4.5	3,530	NA	6.1	7.1		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	4.7	6.2	4.4		
			Sep 95	8.3	817.8	ND	2,294	15.3	1.1	3,137	12.9	1.89	10.5		
			Jan 96	ND	66.4	ND	200.8	2.1	1.7	271	3.1	0.8	19.8		
			Apr 96	ND	6.2	ND	58.8	ND	ND	65	2.1	0.1	21.7		
			Jul 96	ND	3.8	ND	28.4	ND	ND	32	1.8	0.3	20.8		
			Jun 97	ND	62	ND	140	1.8	ND	204	ND	ND	18		
Z2-3 [2]	30	10 - 30	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	14.1	766.7	ND	247.0	19.4	3.0	1,050	NA	2.0	12.1		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	3.6	2.4	9.2		
			Sep 95	ND	16.5	ND	1.7	1.1	ND	19	6.4	0.75	12.7		
			Jan 96	3.0	7.1	ND	ND	1.4	ND	12	ND	0.4	20.5		
			Apr 96	ND	1.4	ND	ND	ND	ND	1	ND	0.1	21.2		
			Jul 96	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.1		
			Jun 97	ND	ND	ND	ND	ND	ND	ND	ND	1.3	19		
Z2-4 [2]	34	10 - 34	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	49.4	1,236.3	ND	343.7	48.8	1.8	1,680	NA	2.7	11.1		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	4.1	3.7	6.3		
			Sep 95	12.8	294.0	ND	109	41.1	1.5	458	6.5	3.63	10.0		
			Jan 96	5.1	33.2	ND	39.1	32.2	1.5	111	4.2	2.8	19.1		
			Apr 96	ND	6.4	ND	3.5	1.3	ND	11	3.1	0.4	19.7		
			Jul 96	ND	1.8	ND	2.7	ND	ND	5	2.7	0.5	20.3		
			Jun 97	ND	21	ND	12	12	ND	45	ND	2.5	12		
Detection Limit 1992 Survey				1.0	1.0	1.0	1.0	1.0	1.0		(h)	(h)	(h)		
Detection Limit 1993 through 1997 Survey				1.0	1.0	1.0	1.0	1.0	1.0		1.0 (h)	1.0 (h)	(h)		

TABLE 2
HISTORICAL STATIC SOIL GAS SURVEY RESULTS

Well Number [Zone]	Total Depth (feet bgs)	Screened Interval (feet bgs)	Sample Date	Volatile Organic Compounds ($\mu\text{g/l}$) ^(a)							Fixed Gases ^(b)				
				1,1-DCA	1,1-DCE	Cis-1,2-DCE	1,1,1-TCA	TCE	PCE	Total VOCs ^(c)	Methane (ppmv)	Carbon Dioxide (%)	Oxygen (%)		
Z2-5 [2]	26	11 - 26	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	ND	86.1	ND	78.5	15.9	1.4	182	NA	1.6	19.3		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	ND	1.5	15.1		
			Sep 95	ND	30.5	ND	27.1	6.1	ND	64	3.4	1.33	16.0		
			Jan 96	ND	1.2	ND	38.3	ND	ND	40	3.0	0.4	20.6		
			Apr 96	ND	ND	ND	1.4	ND	ND	1	2.8	0.1	20.9		
			Jul 96	ND	ND	ND	ND	1.8	ND	2	2.0	ND	ND		
			Jun 97	ND	9.0	ND	10	4.1	ND	23	ND	ND	20		
Z2-6 [2]	24	9 - 24	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	1.5	111.1	ND	329.2	14.9	1.6	458	NA	0.7	16.5		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	0.9	0.54	19.0		
			Sep 95	ND	16.1	ND	15.8	2.9	ND	35	3.9	0.85	17.3		
			Jan 96	ND	5.1	ND	15.4	2.8	ND	23	ND	ND	20.0		
			Apr 96	ND	34.4	ND	18.3	15.5	ND	68	ND	0.8	19.8		
			Jul 96	ND	5.6	ND	22.1	5.1	ND	33	ND	0.3	20.5		
			Jun 97	ND	22	ND	24	13	ND	59	ND	1.0	17		
Z2-7 [2]	40	15 - 40	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	45.2	1,467.2	1.6	2,322.9	11.2	5.5	3,854	6.2	NA	NA		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	7.1	5.5	8.6		
			Sep 95	2.6	36.0	ND	65.4	ND	ND	104	3.5	1.20	18.8		
			Jan 96	1.2	12.9	ND	106.9	ND	2.0	123	1.3	0.8	21.0		
			Apr 96	ND	ND	ND	8.4	ND	ND	8	1.3	ND	21.3		
			Jul 96	ND	1.4	ND	34.3	ND	ND	36	2.0	0.8	20.2		
			Jun 97	ND	31	2.0	89	1.8	6.1	130	ND	0.6	21		
Z2-8 [2]	30	20 - 30	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	27.0	1,200.8	10.4	1,132.6	26.3	3.2	2,400	3.1	4.0	13.3		
			Sep 95	3.6	38.3	ND	65.4	5.5	ND	113	3.4	0.58	18.9		
			Jan 96	0.9	5.7	ND	13.9	1.3	ND	22	1.5	0.4	21.0		
			Apr 96	ND	1.3	ND	2.2	ND	ND	4	1.1	ND	20.8		
			Jul 96	ND	ND	ND	1.4	ND	ND	1	ND	0.2	20.9		
			Jun 97	ND	19	ND	40	1.6	ND	61	ND	ND	22		
Detection Limit 1992 Survey				1.0	1.0	1.0	1.0	1.0	1.0		(h)	(h)	(h)		
Detection Limit 1993 through 1997 Survey				1.0	1.0	1.0	1.0	1.0	1.0		1.0 (h)	1.0 (h)	(h)		

TABLE 2
HISTORICAL STATIC SOIL GAS SURVEY RESULTS

Well Number [Zone]	Total Depth (feet bgs)	Screened Interval (feet bgs)	Sample Date	Volatile Organic Compounds ($\mu\text{g/l}$) ^(a)							Fixed Gases ^(b)				
				1,1-DCA	1,1-DCE	Cis-1,2-DCE	1,1,1-TCA	TCE	PCE	Total VOCs ^(c)	Methane (ppmv)	Carbon Dioxide (%)	Oxygen (%)		
Z2-9 [2]	38	20 - 38	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	24.0	408.5	45.9	103.1	330.9	2.1	915	2.3	NA	NA		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	3.1	4.9	8.5		
			Sep 95	2.3	16.7	ND	10.1	20.1	ND	49	3.9	0.92	12.8		
			Jan 96	ND	ND	ND	ND	1.8	ND	2	2.8	0.6	20.0		
			Apr 96	ND	3.2	ND	8.4	ND	ND	12	2.8	0.3	20.9		
			Jul 96	ND	8.6	ND	1.8	ND	ND	10	1.4	ND	21.2		
			Jun 97	ND	ND	ND	2.2	ND	ND	2	ND	ND	23		
Z2-10 [2]	40	15 - 40	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	16.3	532.9	7.5	40.5	287.7	1.9	887	1.9	3.2	11.4		
			Aug 93 Dup	20.5	533.3	ND	53.5	414.5	3.3	1,025	NA	3.8	14.4		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	0.5	3.7	13.6		
			Sep 95	3.2	17.4	2.7	2.7	27.6	ND	54	3.3	0.70	16.6		
			Jan 96	ND	1.9	ND	ND	6.1	ND	8	1.3	0.4	20.6		
			Apr 96	ND	ND	ND	ND	1.4	ND	1	1.3	0.3	20.1		
			Jul 96	ND	1.0	ND	ND	1.0	ND	2	ND	0.6	20.4		
			Jun 97	ND	ND	ND	ND	15	ND	15	ND	ND	20		
Z2-11 [2]	32	17 - 32	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	22.7	350.6	5.0	70.7	227.1	6.5	683	1.9	4.0	4.7		
			Sep 95	6.5	76.7	ND	61.5	39.4	1.1	185	3.5	1.53	16.7		
			Jan 96	5.5	10.7	ND	15.1	12.2	1.0	45	3.1	1.6	19.6		
			Apr 96	ND	3.8	ND	3.2	5.6	ND	13	2.5	0.4	20.5		
			Jul 96	2.6	1.6	ND	2.3	1.7	ND	8	3.0	1.9	19.7		
			Jun 97	ND	14	ND	30	19	ND	63	ND	ND	23		
Z2-12 [2]	30	15 - 30	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	ND	ND	3.3	ND	3.9	ND	7	1.4	0.03	21.0		
			Sep 95	ND	5.2	ND	1.2	ND	ND	6	3.8	0.56	19.6		
			Jan 96	ND	ND	ND	1.0	ND	ND	1	1.6	0.2	21.0		
			Apr 96	ND	ND	ND	ND	ND	ND	ND	ND	0.2	21.3		
			Jul 96	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.7		
			Jun 97	ND	ND	ND	ND	ND	ND	ND	ND	1.8	21		
Detection Limit 1992 Survey				1.0	1.0	1.0	1.0	1.0	1.0		(h)	(h)	(h)		
Detection Limit 1993 through 1997 Survey				1.0	1.0	1.0	1.0	1.0	1.0		1.0 (h)	1.0 (h)	(h)		

TABLE 2
HISTORICAL STATIC SOIL GAS SURVEY RESULTS

Well Number [Zone]	Total Depth (feet bgs)	Screened Interval (feet bgs)	Sample Date	Volatile Organic Compounds ($\mu\text{g/l}$) ^(a)							Fixed Gases ^(b)				
				1,1-DCA	1,1-DCE	Cis-1,2-DCE	1,1,1-TCA	TCE	PCE	Total VOCs ^(c)	Methane (ppmv)	Carbon Dioxide (%)	Oxygen (%)		
VES-1A [1]	10.5	5 - 10.5	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	10.3	71.4	ND	8.0	38.0	5.2	133	1.1	0.5	19.5		
			Sep 95	3.1	8.4	ND	42.9	2.2	ND	57	4.0	1.76	18.7		
			Jan 96	ND	ND	ND	ND	ND	ND	ND	2.2	0.6	20.8		
			Apr 96	ND	ND	ND	ND	ND	ND	ND	1.4	0.2	21.0		
			Jul 96	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.8		
			Jun 97	ND	ND	ND	ND	ND	ND	ND	ND	ND	17		
VES-1B [2]	30	15 - 30	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Sep 95	27.3	104.9	ND	42.9	28.2	3.1	206	3.5	3.28	14.0		
			Sep 95 Dup	24.0	97.9	ND	35.4	19.4	1.9	179	4.2	3.49	14.4		
			Jan 96	6.2	12.3	ND	22.7	8.1	ND	49	3.2	2.3	18.6		
			Apr 96	1.1	6.9	ND	2.4	2.6	1.2	14	2.1	1.1	19.6		
			Jul 96	2.5	4.5	ND	17.8	2.8	ND	28	1.7	2.1	18.8		
VES-2 [1]	10.5	5 - 10.5	Apr 92	7.4	116	ND	247	6.5	8.9	386	NA	NA	NA		
			Aug 93 (l)	13.2	192.7	ND	85.3	3.8	5.2	303	2.0	4.0	14.7		
			Aug 93 Dup	9.7	180.2	ND	102.8	2.5	3.7	299	2.1	4.3	14.2		
			Sep 95	ND	9.4	ND	50.8	ND	1.2	61	3.5	1.52	17.1		
			Jan 96	1.7	7.7	ND	ND	ND	14.7	24	1.7	1.1	19.6		
			Apr 96	ND	1.8	ND	14.4	ND	ND	16	1.7	0.3	20.9		
			Jul 96	ND	ND	ND	1.4	ND	ND	1	1.0	ND	21.2		
VES-3 [2]	18.5	7 - 18.5	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	55.0	1,283.4	ND	1,398.1	5.6	2.0	2,744	NA	2.3	10.9		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	5.8	2.5	7.3		
			Sep 95	4.1	321.3	ND	820	5.7	ND	1,151	9.8	0.89	11.4		
			Jan 96	2.9	56.0	ND	137.4	1.0	ND	197	1.4	1.3	20.6		
			Apr 96	ND	10.8	ND	42.8	ND	ND	54	1.4	0.3	18.3		
			Jul 96	ND	6.8	ND	18.4	ND	ND	25	1.6	0.2	20.6		
Detection Limit 1992 Survey				1.0	1.0	1.0	1.0	1.0	1.0	(h)	(h)	(h)	(h)		
Detection Limit 1993 through 1997 Survey				1.0	1.0	1.0	1.0	1.0	1.0		1.0 (h)	1.0 (h)	1.0 (h)		

TABLE 2
HISTORICAL STATIC SOIL GAS SURVEY RESULTS

Well Number [Zone]	Total Depth (feet bgs)	Screened Interval (feet bgs)	Sample Date	Volatile Organic Compounds ($\mu\text{g/l}$) ^(a)							Fixed Gases ^(b)				
				1,1-DCA	1,1-DCE	Cis-1,2-DCE	1,1,1-TCA	TCE	PCE	Total VOCs ^(c)	Methane (ppmv)	Carbon Dioxide (%)	Oxygen (%)		
VM-1A [2]	28	8 - 28	Dec 91 ^(k)	NA	NA	NA	66.3	32.6	15.1	114	NA	NA	NA		
			Apr 92	6.6	217.0	ND	9.9	6.5	3.4	243	NA	NA	NA		
			Aug 93	10.7	676.0	ND	293.5	8.4	7.5	996	5.3	2.3	8.2		
			Sep 95	7.0	109.8	ND	11.9	1.6	ND	130	3.9	2.13	13.2		
			Jan 96	3.2	15.5	ND	2.6	1.6	ND	23	1.1	1.1	19.6		
			Apr 96	ND	9.8	ND	1.2	ND	ND	11	1.2	0.1	20.8		
			Jul 96	ND	2.2	ND	ND	ND	ND	2	ND	1.1	20.7		
			Jun 97	ND	12	ND	ND	ND	ND	12	ND	1.6	20		
VM-2A [2]	29	14 - 29	Dec 91 ^(k)	NA	NA	NA	171.3	24.5	0.7	197	NA	NA	NA		
			Apr 92 ^(l)	2.9	390	ND	40	21	1.8	456	NA	NA	NA		
			Aug 93	14.3	841.5	ND	31.9	24.1	2.0	914	NA	4.1	4.9		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	3.3	4.1	4.8		
			Sep 95	1.6	40.6	ND	3.9	2.9	ND	49	6.4	1.76	8.2		
			Jan 96	ND	3.5	ND	ND	ND	ND	4	2.9	1.5	18.6		
			Apr 96	ND	ND	ND	ND	ND	ND	ND	2.2	0.6	20.2		
			Jul 96	ND	3.6	ND	ND	ND	ND	4	1.8	0.7	20.2		
			Jun 97	ND	ND	ND	ND	2.0	ND	2	ND	0.5	12		
			Jun 97 Dup	ND	ND	ND	ND	ND	ND	ND	ND	0.5	12		
VM-3A [2]	25	10 - 25	Dec 91 ^(k)	NA	NA	NA	22.1	35.3	2.7	60	NA	NA	NA		
			Apr 92	4.1	317	ND	70	41	4.8	437	NA	NA	NA		
			Aug 93	ND	169.8	ND	26.7	14.8	1.7	213	NA	2.0	17.0		
			Nov 93	NA	NA	NA	NA	NA	NA	NA	ND	1.7	20.0		
			Sep 95	3.9	94.7	ND	121	26.9	1.4	248	3.4	2.02	16.8		
			Jan 96	ND	3.6	ND	12.8	4.6	ND	21	2.9	1.0	19.8		
			Apr 96	ND	3.4	ND	6.7	4.1	ND	14	3.1	1.0	20.9		
			Jul 96	ND	1.0	ND	2.6	1.4	ND	5	2.2	1.5	20.3		
			Jun 97	ND	13	ND	21	5.4	ND	39	ND	1.5	20		
Detection Limit 1992 Survey				1.0	1.0	1.0	1.0	1.0	1.0	(h)	(h)	(h)	(h)		
Detection Limit 1993 through 1997 Survey				1.0	1.0	1.0	1.0	1.0	1.0		1.0 ^(h)	1.0 ^(h)	1.0 ^(h)		

TABLE 2
HISTORICAL STATIC SOIL GAS SURVEY RESULTS

Well Number [Zone]	Total Depth (feet bgs)	Screened Interval (feet bgs)	Sample Date	Volatile Organic Compounds ($\mu\text{g/l}$) ^(a)							Fixed Gases ^(b)				
				1,1-DCA	1,1-DCE	Cis-1,2-DCE	1,1,1-TCA	TCE	PCE	Total VOCs ^(c)	Methane (ppmv)	Carbon Dioxide (%)	Oxygen (%)		
VM-4A [2]	30	5 - 30	Dec 91 (k)	NA	NA	NA	18.8	282.6	21.2	323	NA	NA	NA		
			Apr 92	7.0	43	8.4	14	15	4.8	92	NA	NA	NA		
			Aug 93	ND	21.2	ND	ND	3.8	1.2	26	1.0	1.0	18.0		
			Sep 95	ND	8.6	ND	4.3	ND	ND	13	3.7	1.04	19.1		
			Jan 96	ND	5.2	ND	6.2	2.0	ND	13	1.1	0.8	19.8		
			Apr 96	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.8		
			Jul 96	ND	3.3	ND	ND	ND	ND	3	ND	0.7	21.2		
			Jun 97	ND	ND	ND	ND	ND	ND	ND	ND	0.9	18		
VM-5A [2]	20	5 - 20	Apr 92 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Aug 93	ND	11.2	ND	ND	1.9	ND	13	1.5	0.76	18.4		
			Sep 95 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jan 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Apr 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jul 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jun 97	ND	ND	ND	ND	ND	ND	ND	ND	0.6	20		
VM-6A [2]	30	10 - 30	Apr 92	ND	71	ND	26	12	ND	109	NA	NA	NA		
			Aug 93	ND	504.6	ND	100.0	66.1	3.8	675	1.3	5.1	13.6		
			Sep 95	ND	60.1	ND	26.4	5.7	ND	92	4.3	3.67	13.5		
			Jan 96	ND	ND	ND	ND	ND	ND	ND	3.2	2.6	17.8		
			Apr 96	ND	1.1	ND	ND	ND	ND	1	2.1	ND	21.1		
			Jul 96	ND	ND	ND	ND	ND	ND	ND	2.6	2.1	21.1		
			Jun 97	ND	5.0	ND	ND	ND	ND	5	ND	2.1	16		
VM-7A [2]	30	10 - 30	Apr 92 (n)	ND	77	ND	5.0	ND	ND	83	NA	NA	NA		
			Aug 93	ND	586.7	ND	22.2	34.1	ND	643	3.1	4.7	9.4		
			Sep 95 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Jan 96 NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
			Apr 96	ND	ND	ND	ND	ND	ND	ND	ND	0.5	18.1		
			Jul 96	ND	ND	ND	ND	ND	ND	ND	8.1	ND	21.0		
			Jun 97	ND	3.0	ND	ND	ND	ND	3	ND	1.2	11		
Detection Limit 1992 Survey				1.0	1.0	1.0	1.0	1.0	1.0	(h)	(h)	(h)	(h)		
Detection Limit 1993 through 1997 Survey				1.0	1.0	1.0	1.0	1.0	1.0		1.0 (h)	1.0 (h)	(h)		

TABLE 2
HISTORICAL STATIC SOIL GAS SURVEY RESULTS

Well Number [Zone]	Total Depth (feet bgs)	Screened Interval (feet bgs)	Sample Date	Volatile Organic Compounds ($\mu\text{g/l}$) ^(a)						Fixed Gases ^(b)					
				1,1-DCA	1,1-DCE	Cis-1,2-DCE	1,1,1-TCA	TCE	PCE	Total VOCs ^(c)	Methane (ppmv)	Carbon Dioxide (%)	Oxygen (%)		
VM-8A [2]	26	6 - 26	Apr 92	ND	16	ND	13	ND	ND	29	NA	NA	NA		
			Aug 93	8.5	770.6	ND	2,586.1	3.1	ND	3,368	5.7	7.3	9.8		
			Sep 95	ND	20.4	ND	31.9	ND	ND	52	3.7	1.62	17.4		
			Jan 96	ND	ND	ND	ND	ND	ND	ND	1.7	0.9	19.9		
			Apr 96	ND	ND	ND	ND	ND	ND	ND	1.4	0.9	20.5		
			Jul 96	ND	ND	ND	ND	ND	ND	ND	1.2	ND	21.0		
			Jun 97	ND	ND	ND	1.0	ND	ND	1	ND	ND	13		
Detection Limit 1992 Survey				1.0	1.0	1.0	1.0	1.0	1.0		(h)	(h)	(h)		
Detection Limit 1993 through 1997 Survey				1.0	1.0	1.0	1.0	1.0	1.0		1.0 (h)	1.0 (h)	(h)		

(a) Volatile organic compounds were tested using EPA Methods 8010, 8020, and 8240. Results are reported in micrograms per liter of vapor. Compounds are identified using the following abbreviations:

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
Cis-1,2-DCE	Cis-1,2-dichloroethene
1,1,1-TCA	1,1,1-Trichloroethane
TCE	Trichloroethene
PCE	Tetrachloroethene

(b) Fixed gases were analyzed using a gas chromatograph with flame ionization and thermal conductivity detectors.

(c) Analytical results below detection limits were assigned a zero value for summation of total VOCs.

(d) Horizontal vapor line.

(e) NS = Not sampled.

(f) NA = Not analyzed.

(g) ND = Not detected at detection limit listed at bottom of page for each compound.

(h) Detection limits are not available for oxygen for any of the sampling events, and are not available for methane and carbon dioxide for the 1992 through 1995 sampling events.

(i) Gas sample collected from Well Z3-3 in Jun 97 also contained 3.1 $\mu\text{g/l}$ of 1,2-dichloroethane; amount included in summation of total VOCs.

(j) Gas sample collected from Well VES-2 in Sep 93 also contained 3 $\mu\text{g/l}$ of freon 12; amount included in summation of total VOCs.

(k) Results of the Dec 91 event are shown only for wells sampled.

(l) Gas sample collected from Well VM-2A in Apr 92 also contained 0.62 $\mu\text{g/l}$ of chloroform; amount included in summation of total VOCs.

(m) Gas sample collected from Well VM-2B in Apr 92 also contained 0.92 $\mu\text{g/l}$ of chloroform; amount included in summation of total VOCs.

(n) Gas sample collected from Well VM-7A in Apr 92 also contained 1.3 $\mu\text{g/l}$ of trichlorofluoromethane; amount included in summation of total VOCs.

(o) Gas sample (and duplicate) collected from Well W3 in Jun 97 also contained 23 $\mu\text{g/l}$ of 1,2-dichloroethane; amount included in summation of total VOCs for both samples.



ATTACHMENT E

TABLE 5 FROM THE 1998 CLOSURE REPORT FOR VADOSE ZONE SOIL

TABLE 5
ZONES 1 AND 2 SOIL SAMPLING RESULTS

Boring Number	Sample ID	Sample Depth (feet)	Sample Date	Volatile Organic Compounds ($\mu\text{g}/\text{kg}$) ^(a)						Total VOCs
				1,1-Dichloroethane	1,1-Dichloroethene	Cis-1,2-dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	
CB-1	CB-1-5	5	8/18/97	ND ^(b)	ND	ND	ND	ND	ND	ND
	CB-1-20	20	8/18/97	ND	ND	ND	ND	ND	ND	ND
CB-2	CB-2-10	10	8/18/97	ND	ND	ND	ND	ND	ND	ND
	CB-2-15	15	8/18/97	ND	ND	ND	ND	ND	ND	ND
CB-3	CB-3-5	5	8/18/97	ND	ND	ND	ND	ND	ND	ND
	CB-3-15	15	8/18/97	ND	ND	ND	ND	ND	ND	ND
CB-4	CB-4-10	10	8/18/97	ND	ND	ND	ND	ND	ND	ND
	CB-4-20	20	8/18/97	ND	ND	ND	ND	ND	ND	ND
CB-5	CB-5-10	10	8/18/97	ND	ND	ND	ND	ND	ND	ND
	CB-5-20	20	8/18/97	ND	ND	ND	ND	ND	ND	ND
CB-6	CB-6-10	10	8/18/97	ND	ND	ND	ND	ND	ND	ND
	CB-6-20	20	8/18/97	ND	ND	ND	ND	ND	ND	ND
CB-7	CB-7-10	10	8/19/97	ND	ND	ND	ND	ND	ND	ND
	CB-7-20	20	8/19/97	ND	ND	ND	ND	ND	ND	ND
	CB-7-25	25	8/19/97	ND	ND	ND	ND	22	ND	22
CB-8	CB-8-10	10	8/19/97	ND	ND	ND	ND	ND	ND	ND
	CB-8-15	15	8/19/97	ND	ND	ND	ND	ND	ND	ND
	CB-8-20	20	8/19/97	ND	ND	ND	ND	ND	ND	ND
Detection Limit				5	5	5	5	5	5	

TABLE 5
ZONES 1 AND 2 SOIL SAMPLING RESULTS

Boring Number	Sample ID	Sample Depth (feet)	Sample Date	Volatile Organic Compounds ($\mu\text{g/kg}$) ^(a)						Total VOCs
				1,1-Dichloro-ethane	1,1-Dichloro-ethene	Cis-1,2-dichloro-ethene	1,1,1-Trichloro-ethane	Trichloro-ethene	Tetra-chloro-ethene	
CB-9	CB-9-10	10	10/29/97	ND	ND	ND	ND	ND	ND	ND
	CB-9-15	15	10/29/97	ND	ND	ND	ND	ND	ND	ND
	CB-9-25	25	10/29/97	ND	ND	ND	ND	ND	ND	ND
CB-10	CB-10-5	5	10/29/97	ND	ND	ND	ND	ND	ND	ND
	CB-10-15	15	10/29/97	ND	ND	ND	ND	ND	ND	ND
	CB-10-20	20	10/29/97	ND	ND	ND	ND	8.8	ND	8.8
CB-11	CB-11-5	5	10/29/97	ND	ND	ND	ND	ND	ND	ND
	CB-11-15	15	10/29/97	ND	ND	ND	ND	ND	ND	ND
	CB-11-25	25	10/29/97	ND	ND	ND	ND	ND	ND	ND
CB-12	CB-12-10	10	10/29/97	ND	ND	ND	ND	ND	ND	ND
	CB-12-24	24	10/29/97	ND	ND	ND	ND	ND	ND	ND
Detection Limit				5	5	5	5	5	5	

(a) Volatile organic compounds tested using EPA Method 8010.

(b) ND = not detected at detection limit listed at bottom of table.